

Principios generales de representación

VISTAS


IRAM 4502-30: Convenciones básicas para vistas

IRAM 4502-34: Vistas aplicables a mecánica

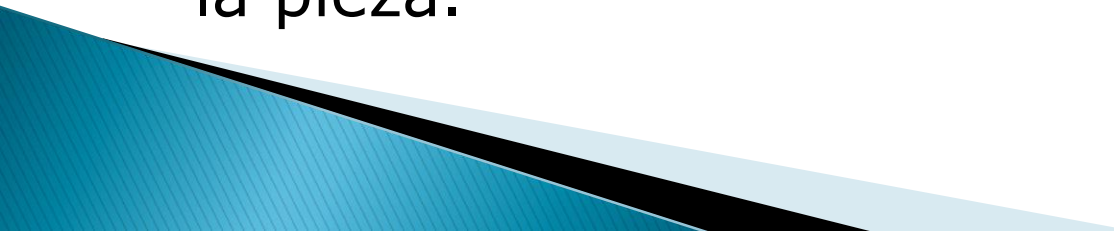
Consideraciones generales

VISTA: Proyección ortogonal mostrando las partes visibles de un objeto y, si fuera necesario, sus contornos no visibles.

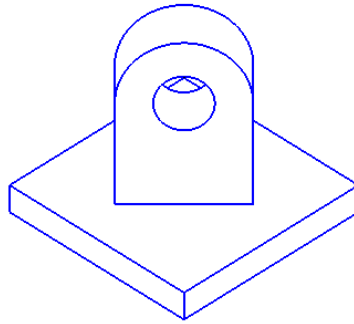
SELECCIÓN DE VISTAS:

- ▶ Limitar la cantidad de vistas, cortes y secciones, hasta el mínimo necesario pero suficiente para describir completamente el objeto sin ambigüedad.
 - ▶ Evitar la presentación de contornos y bordes no visibles.
 - ▶ Evitar la repetición innecesaria de un detalle.
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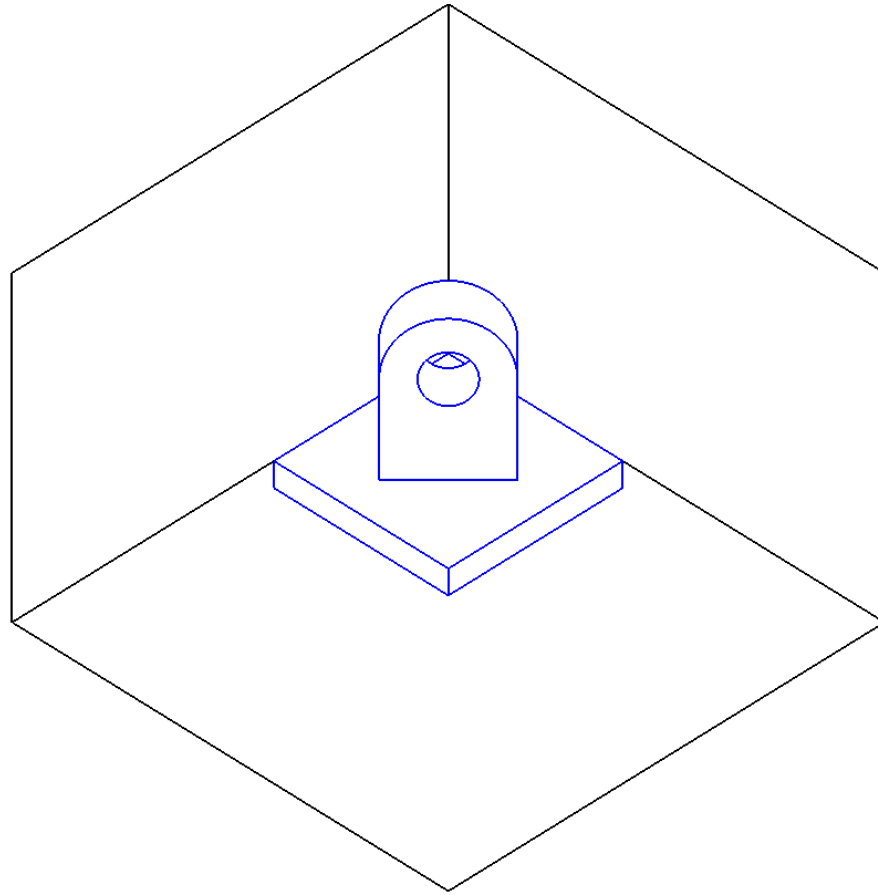
Vistas auxiliares

- ▶ Los planos que forman una pieza no son siempre paralelos a los planos elegidos para la proyección.
 - ▶ Esto genera que parte de la geometría proyectada tenga alguna deformación, no siendo sus proyecciones ortogonales aptas para las mediciones.
 - ▶ La vista auxiliar se emplea para mostrar la **verdadera forma y magnitud** de partes inclinadas (no paralelas al triedro fundamental) de la pieza.
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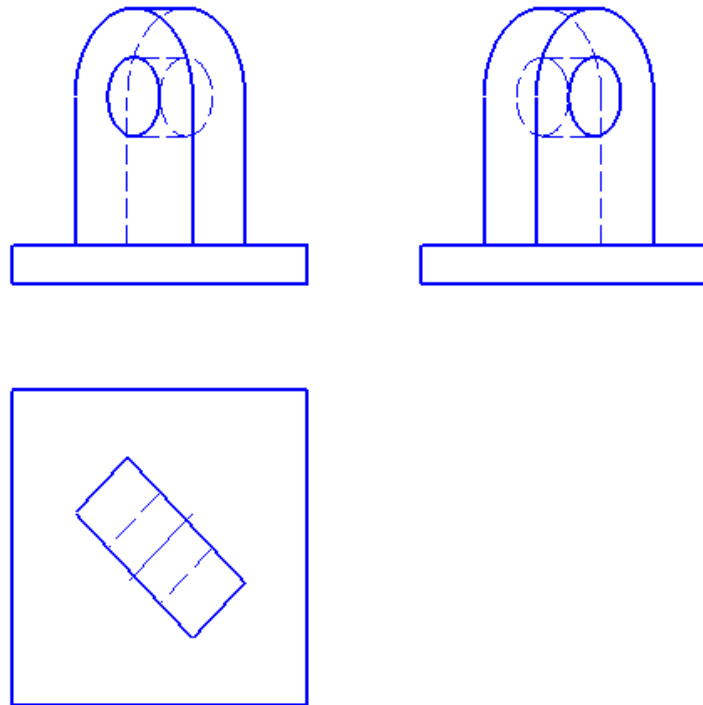
Vistas auxiliares



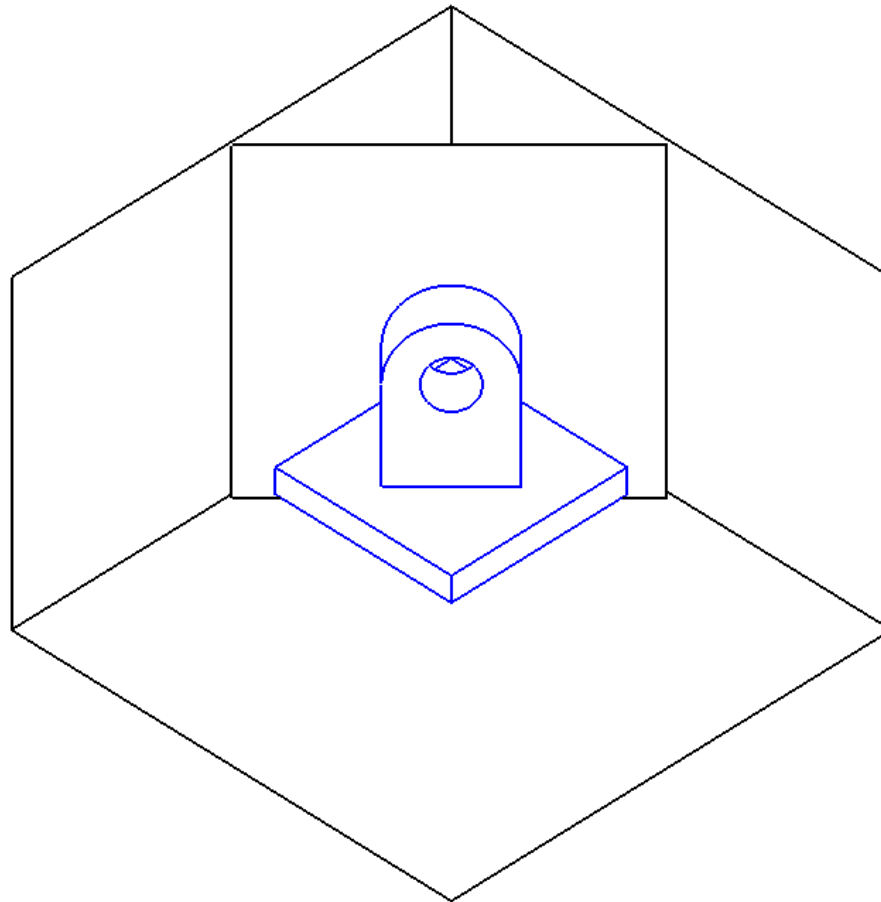
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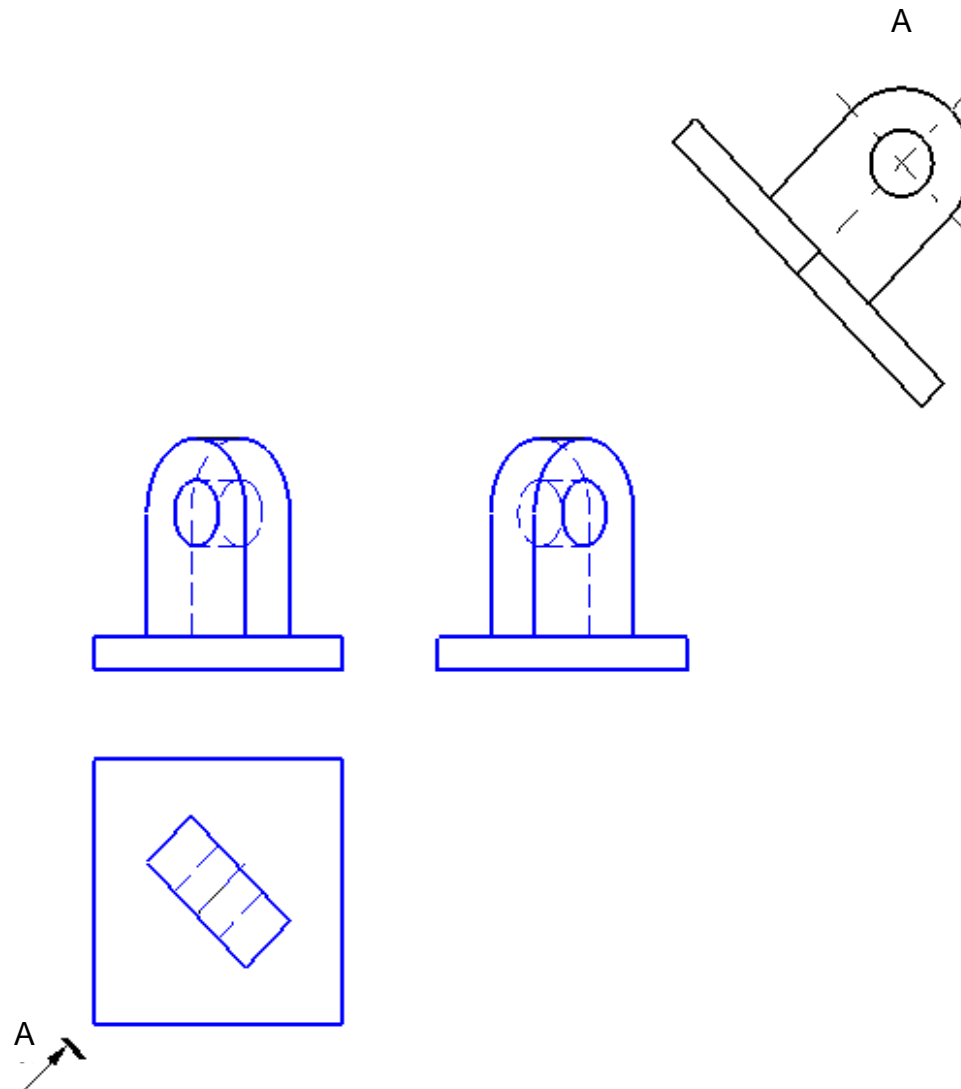
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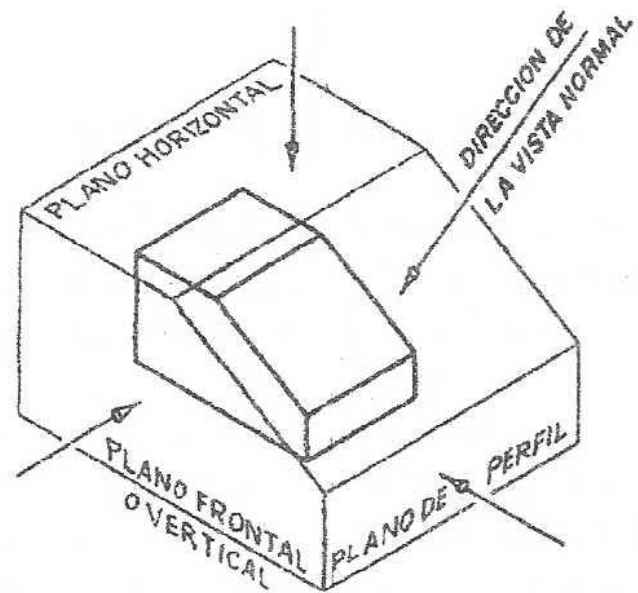
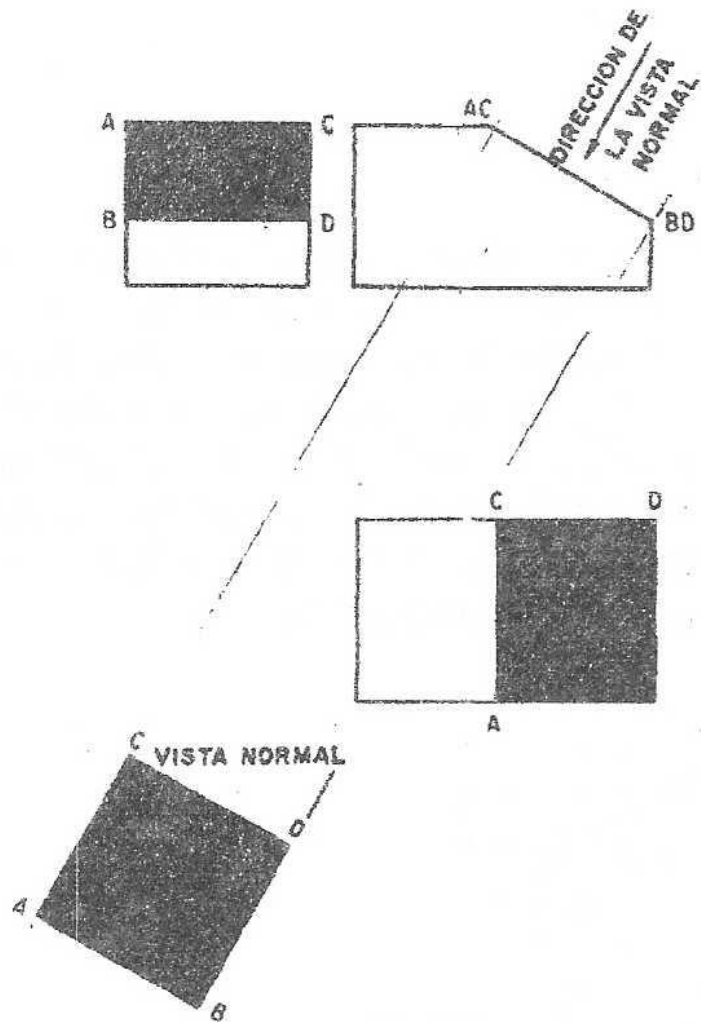
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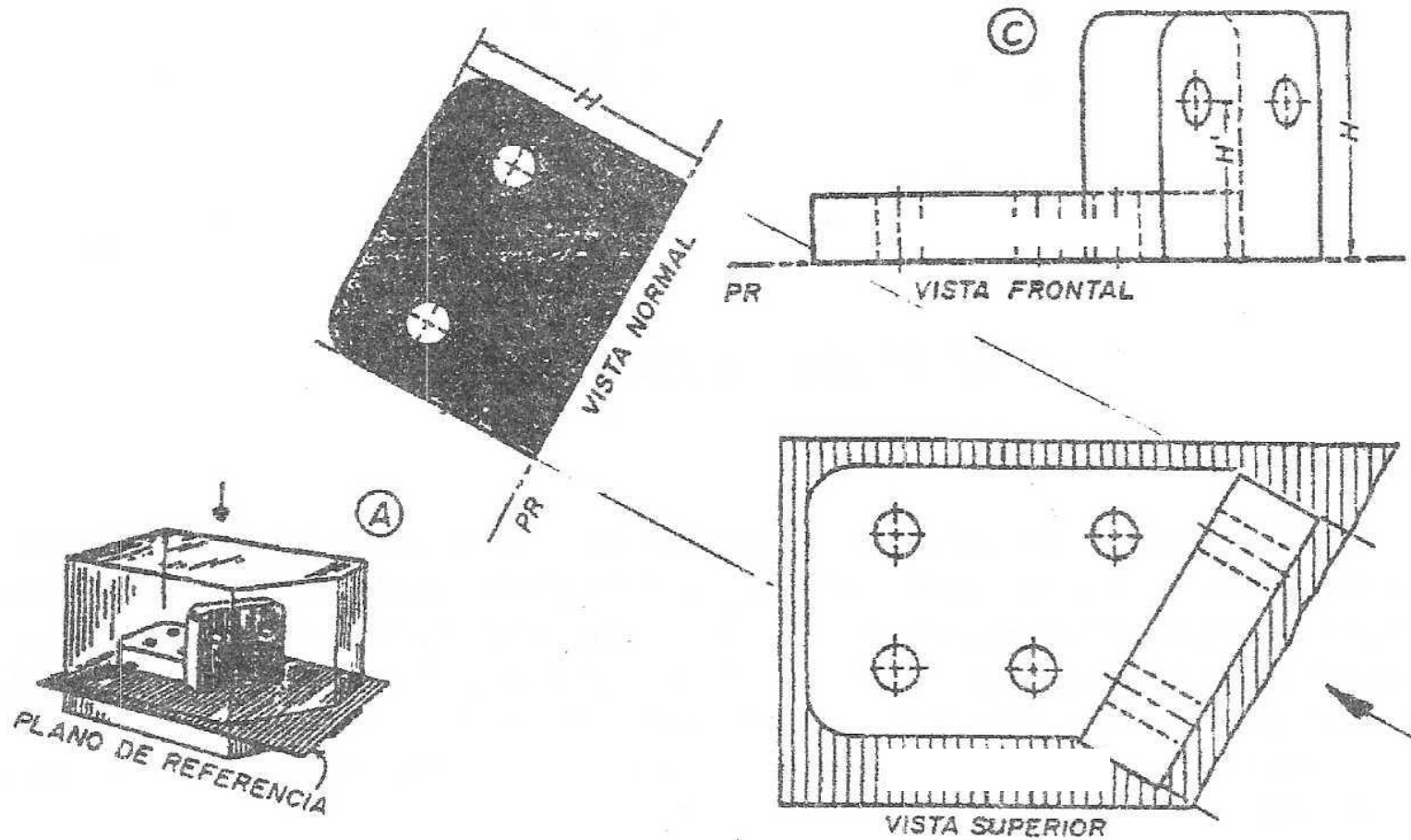
Vistas auxiliares



Vistas auxiliares



Vistas auxiliares



Vistas auxiliares

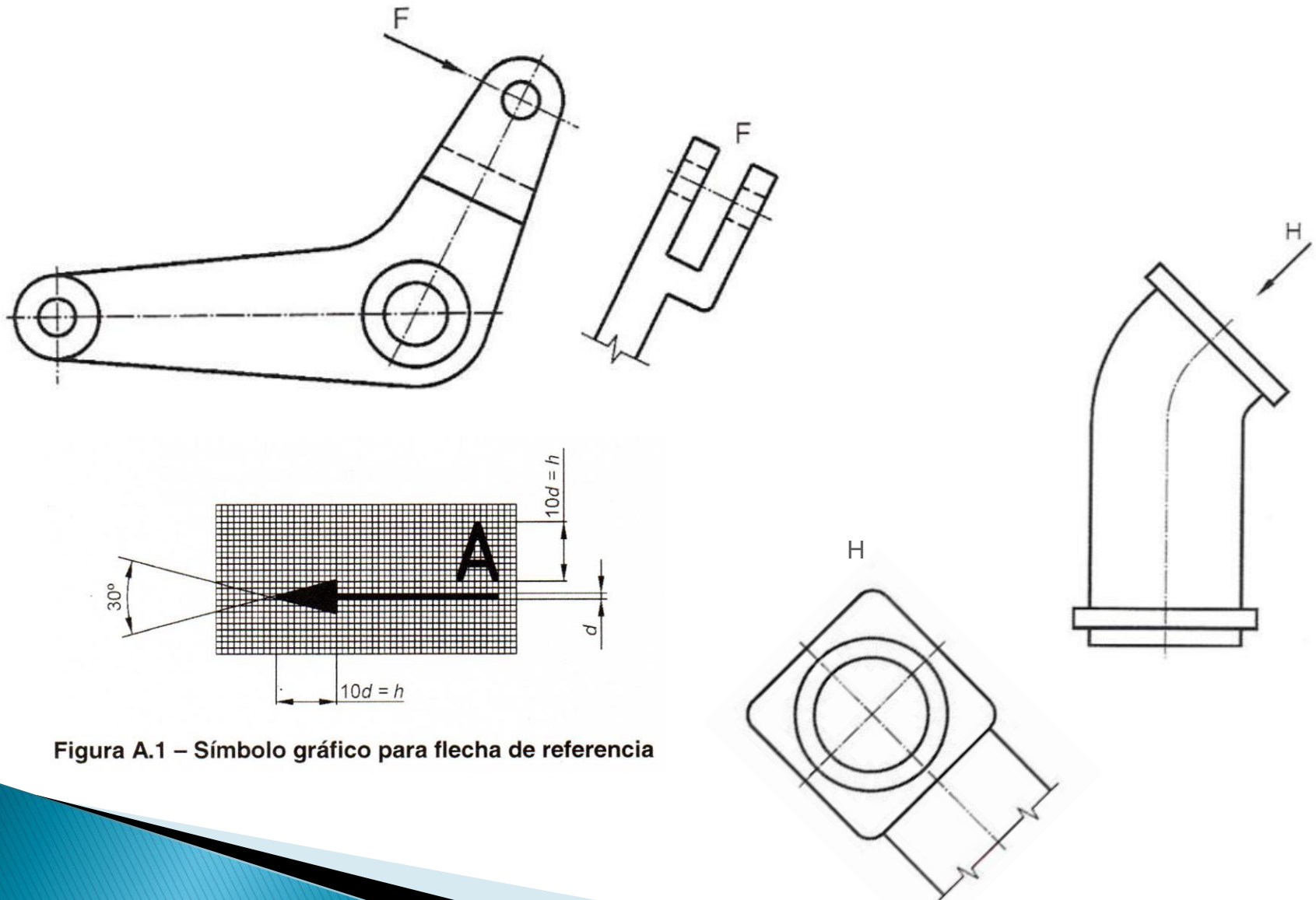
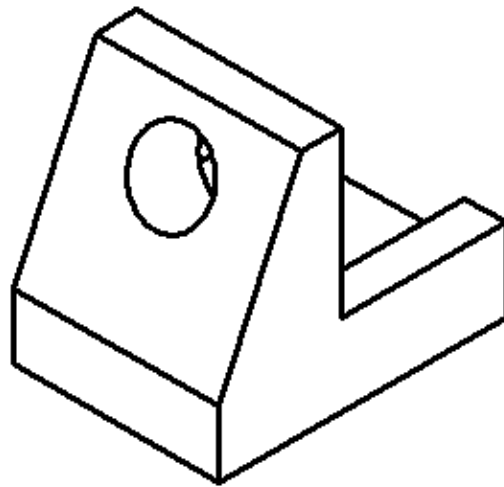
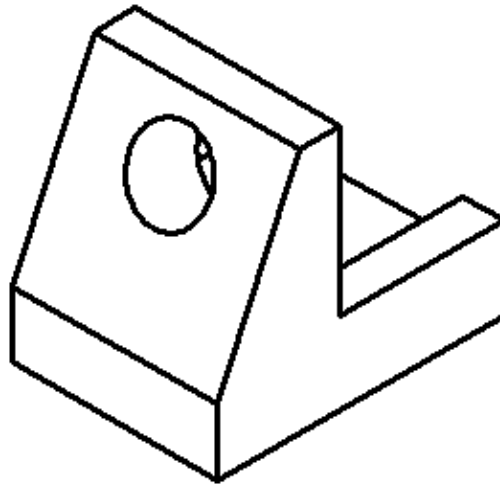
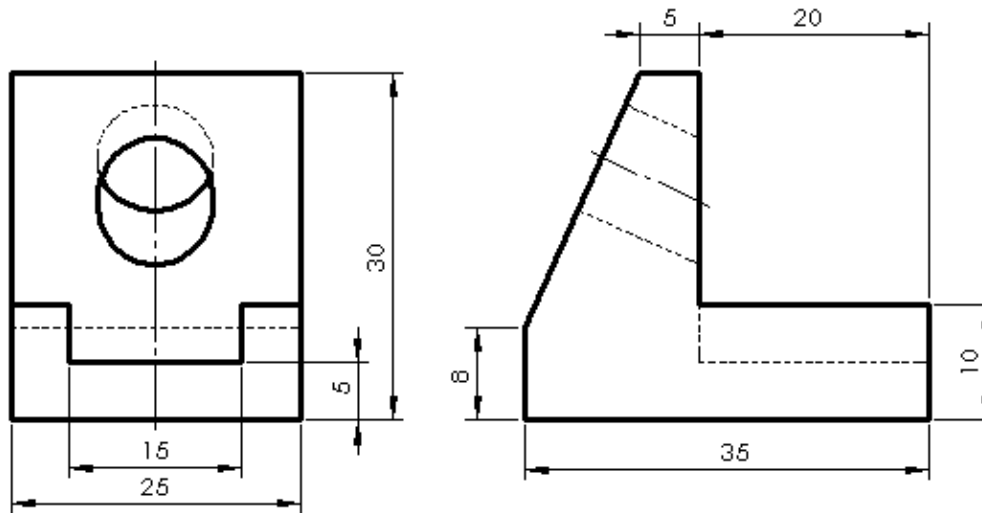


Figura A.1 – Símbolo gráfico para flecha de referencia

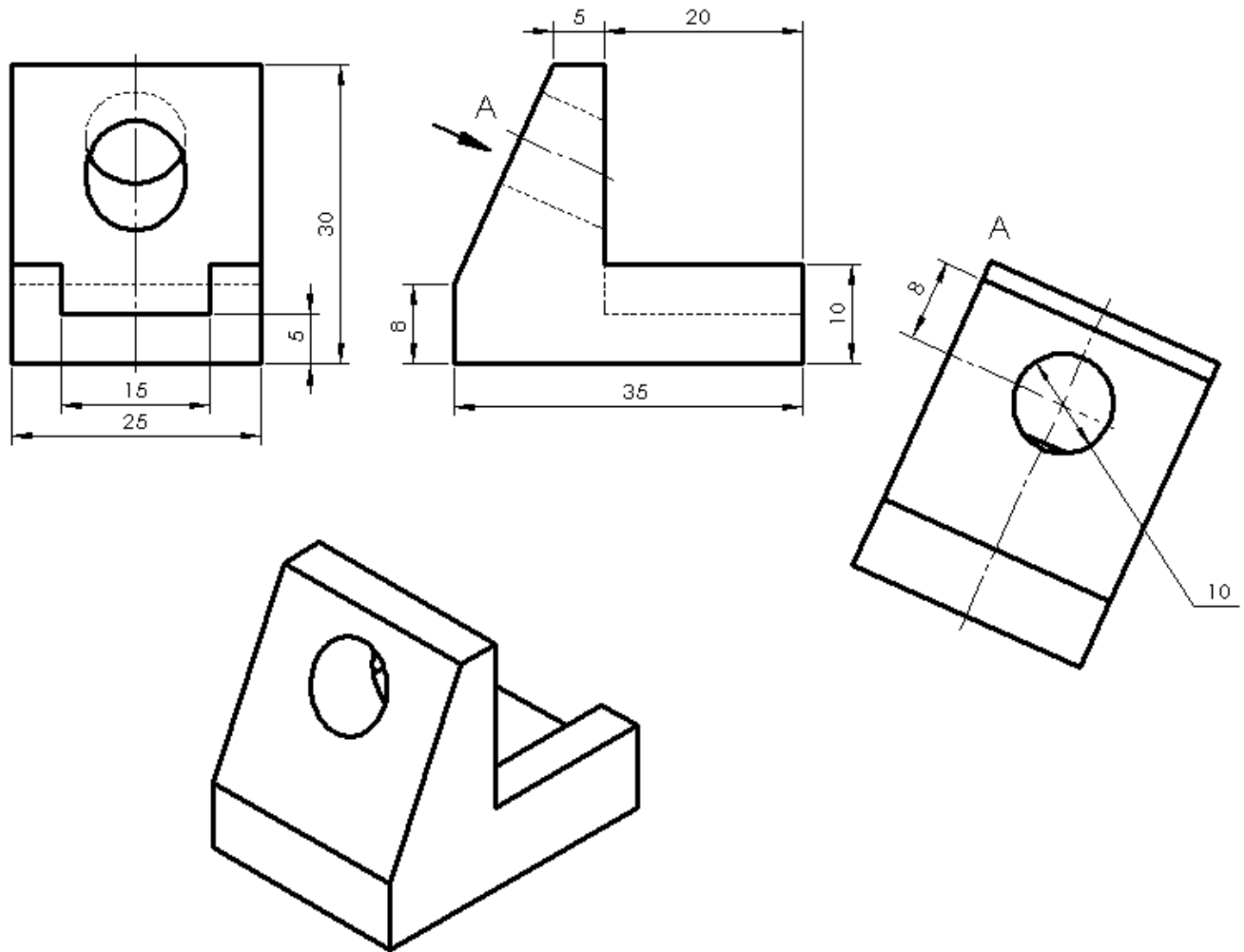
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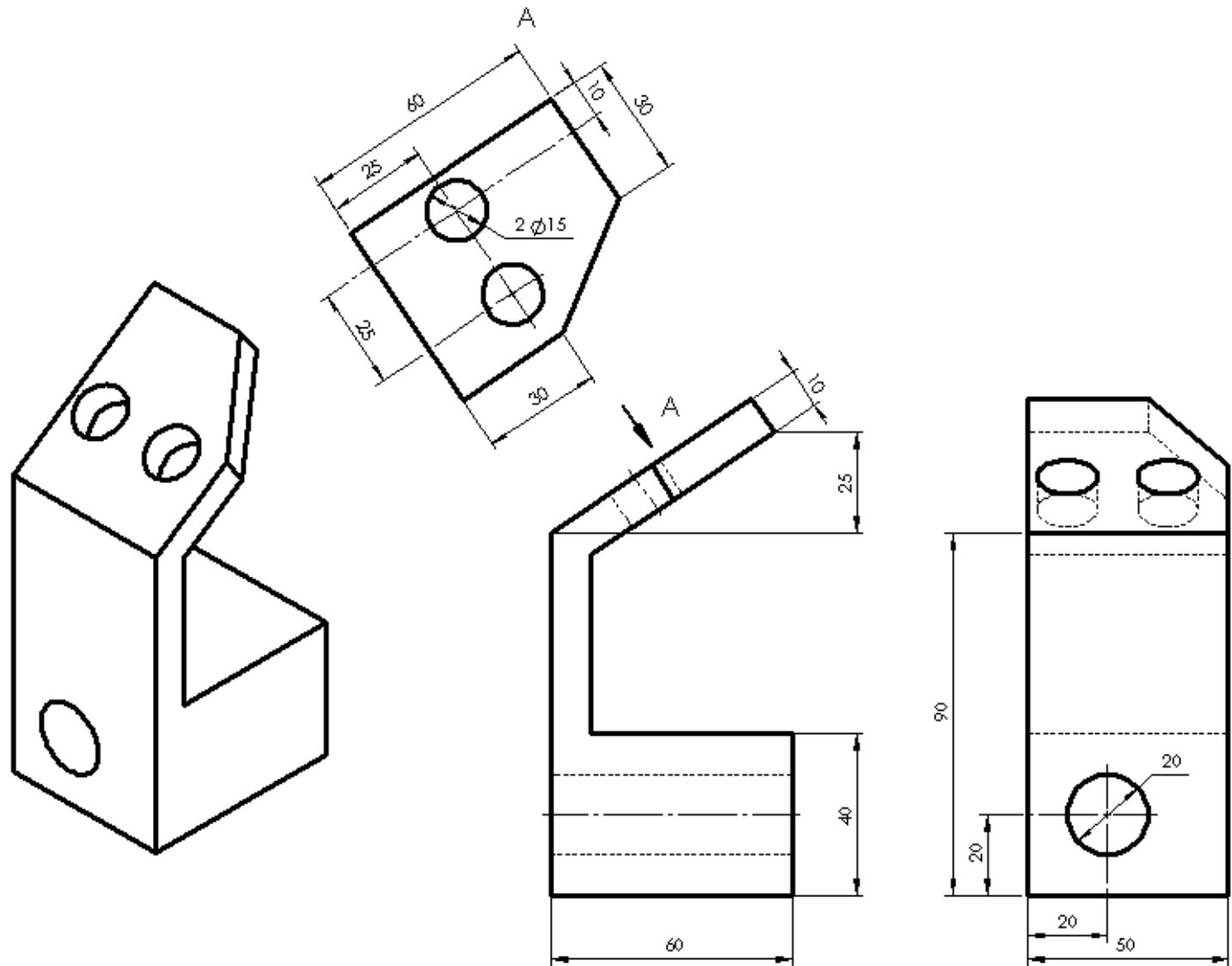
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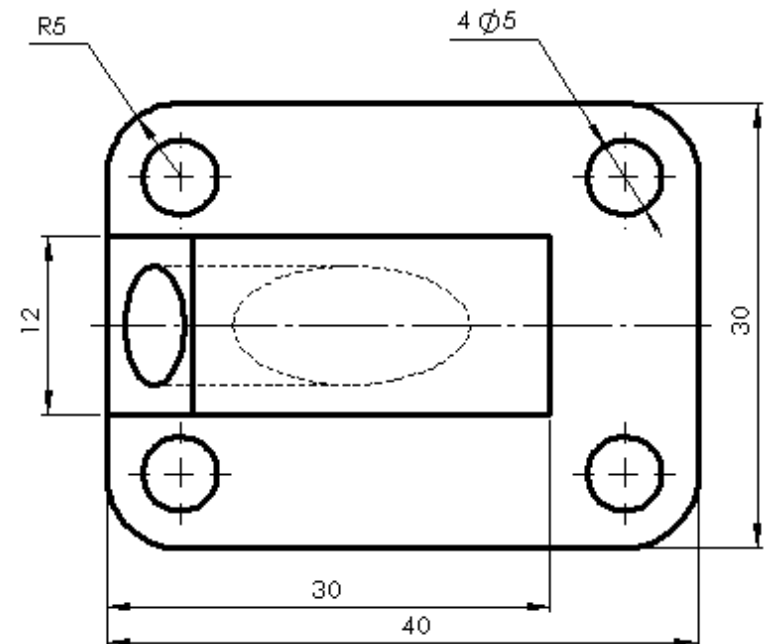
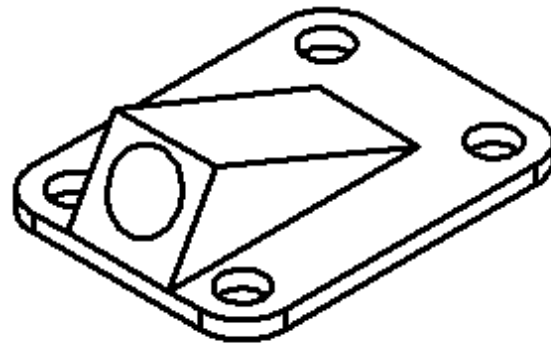
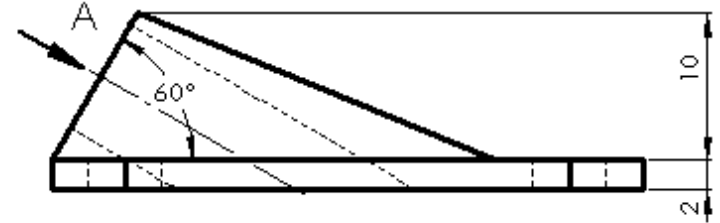
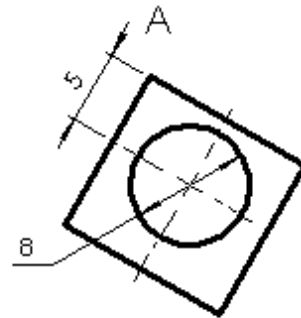
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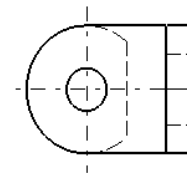
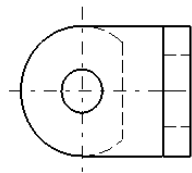
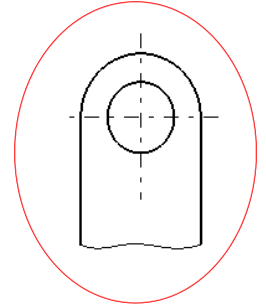
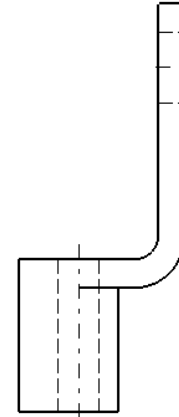
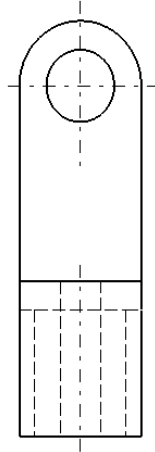
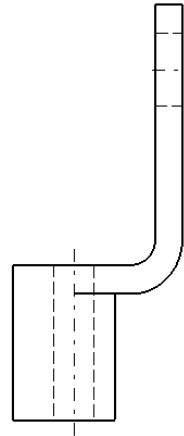
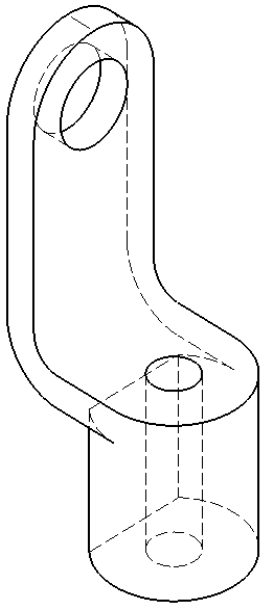
Vistas auxiliares



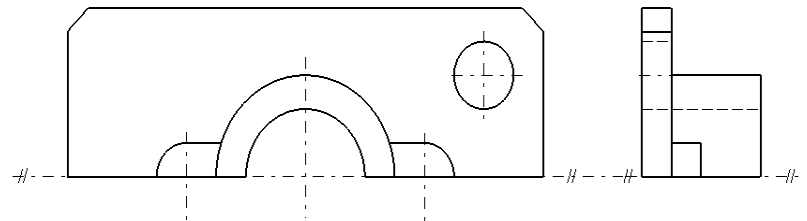
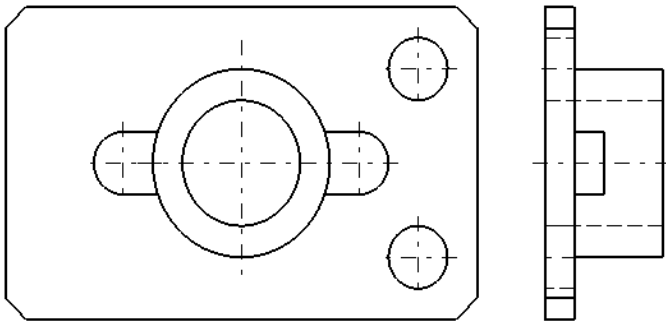
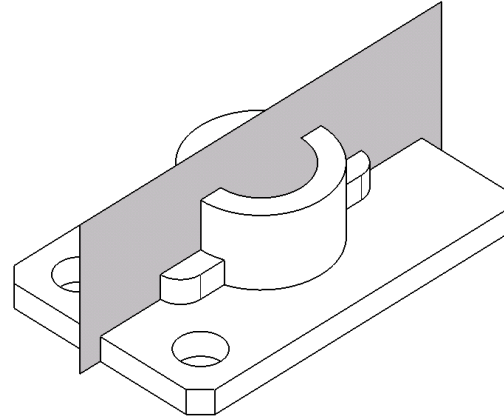
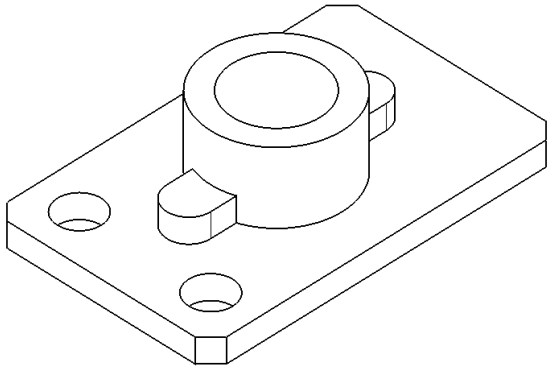
Vistas auxiliares



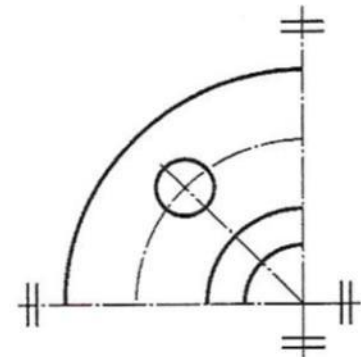
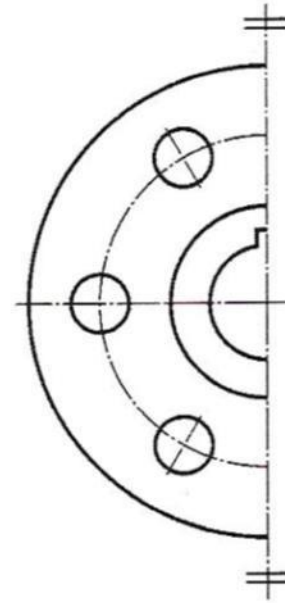
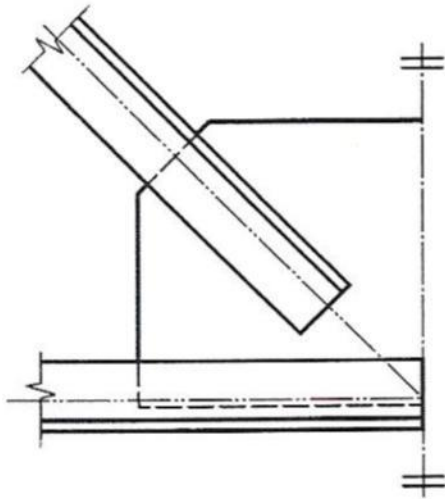
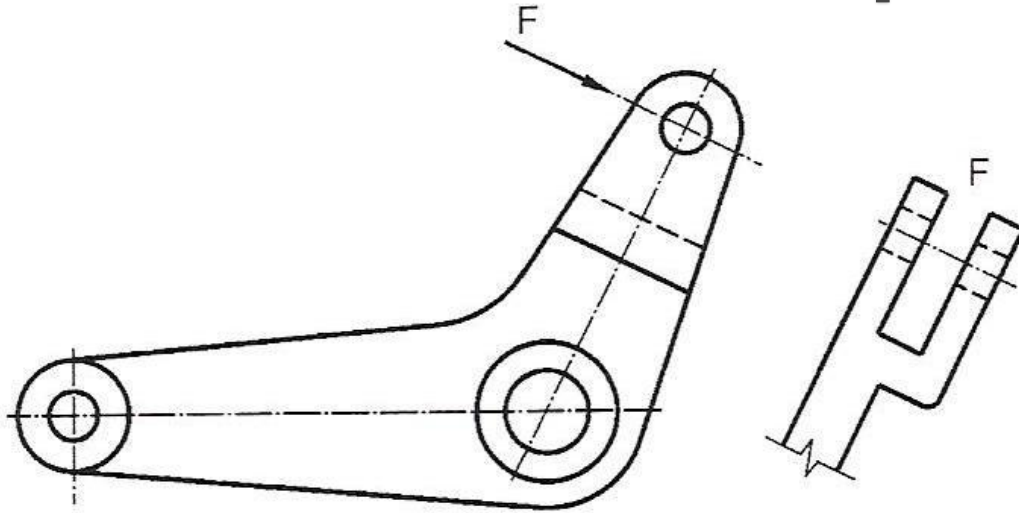
Vistas parciales



Vistas parciales

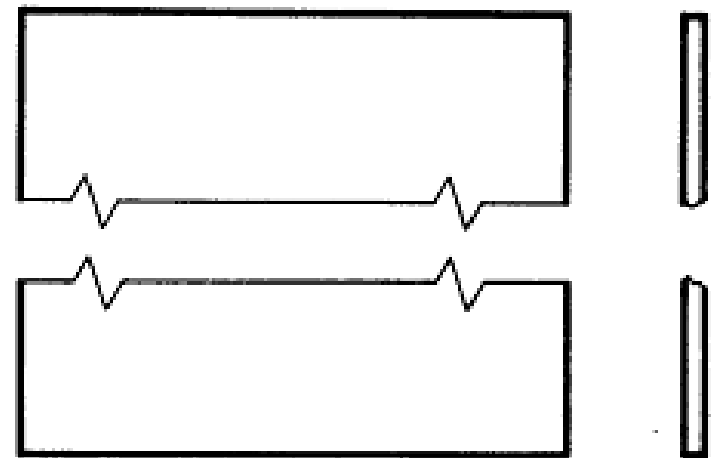
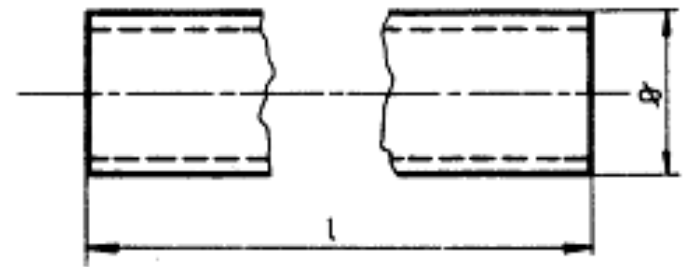
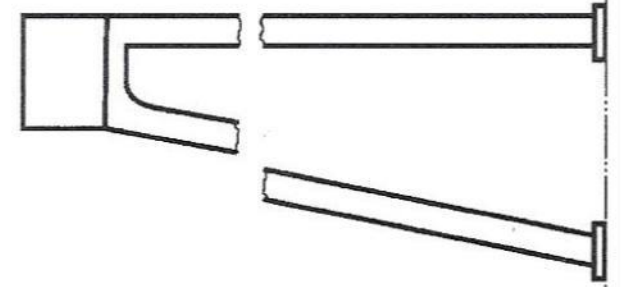
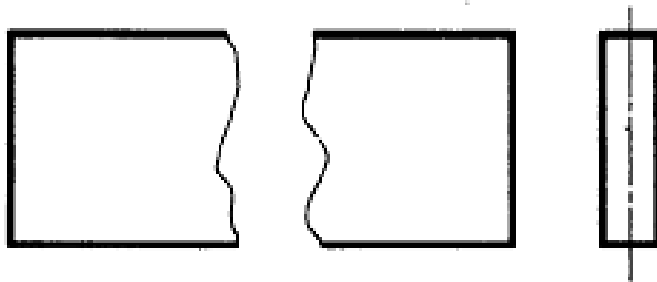
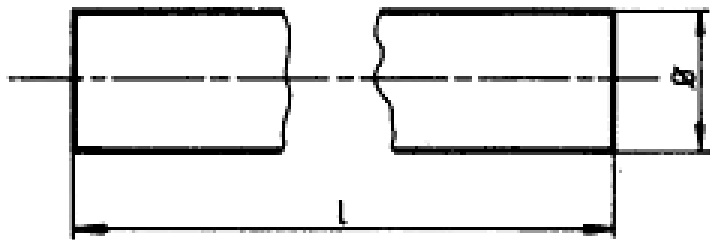
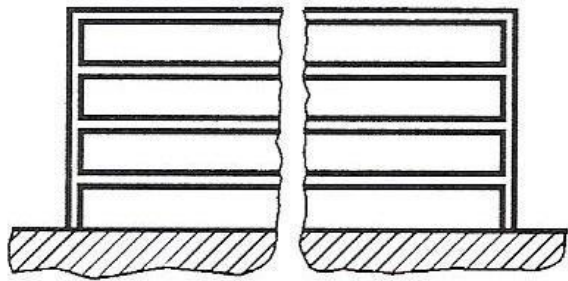


Vistas parciales

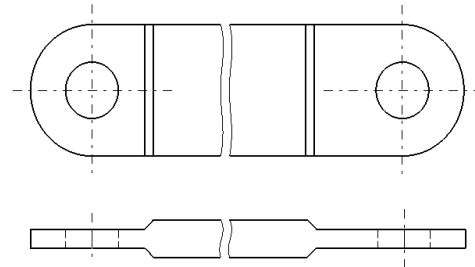
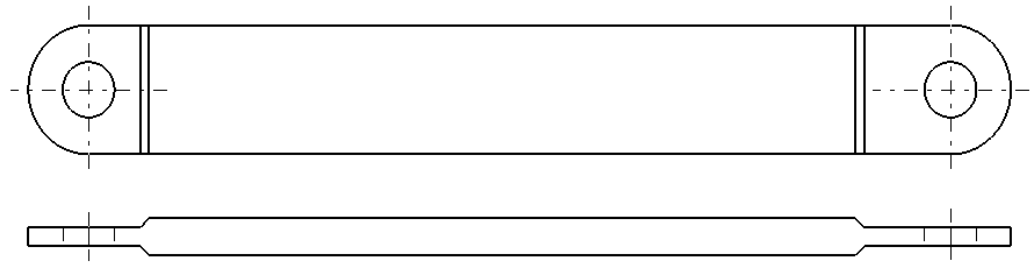
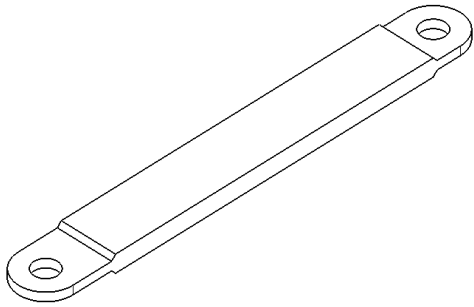


Vista parcial de piezas simétricas

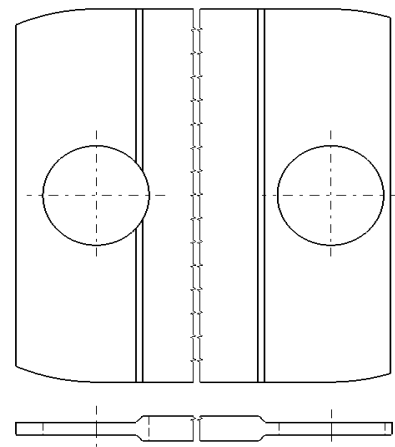
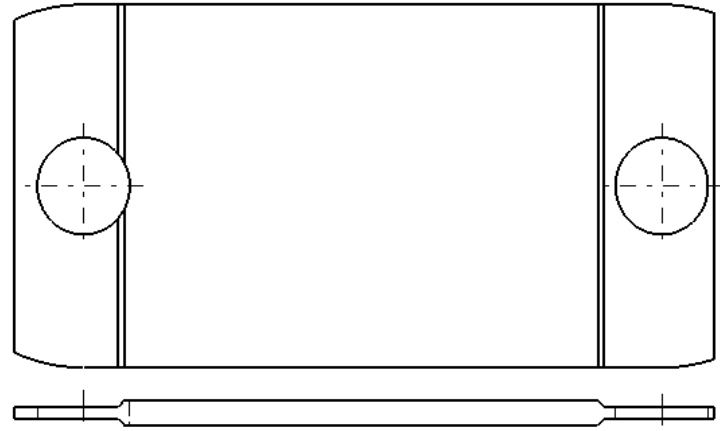
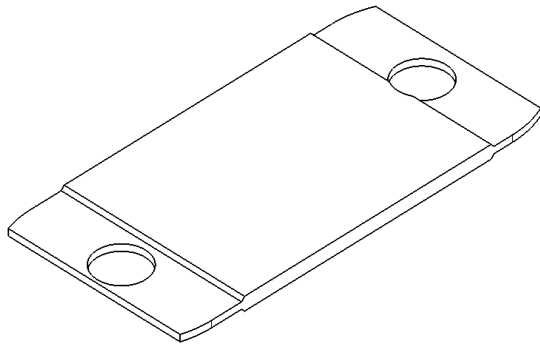
Vistas interrumpidas



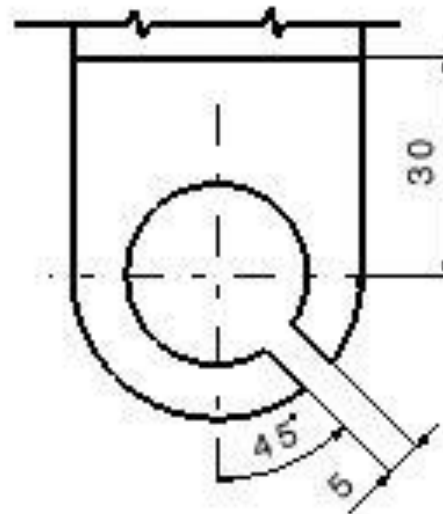
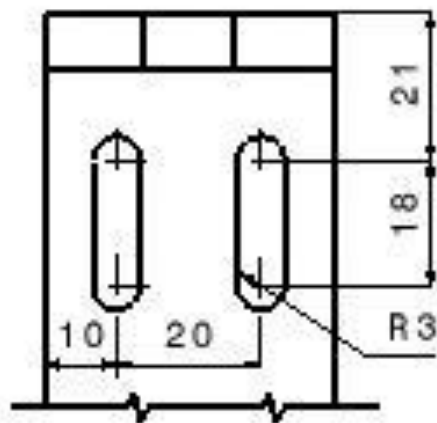
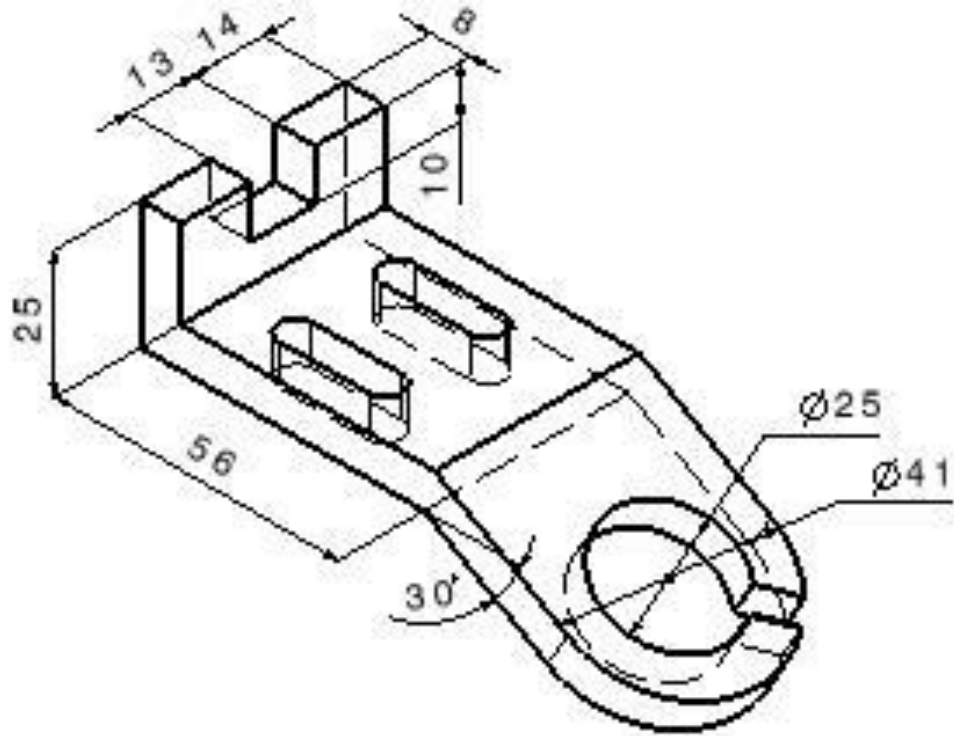
Vistas interrumpidas



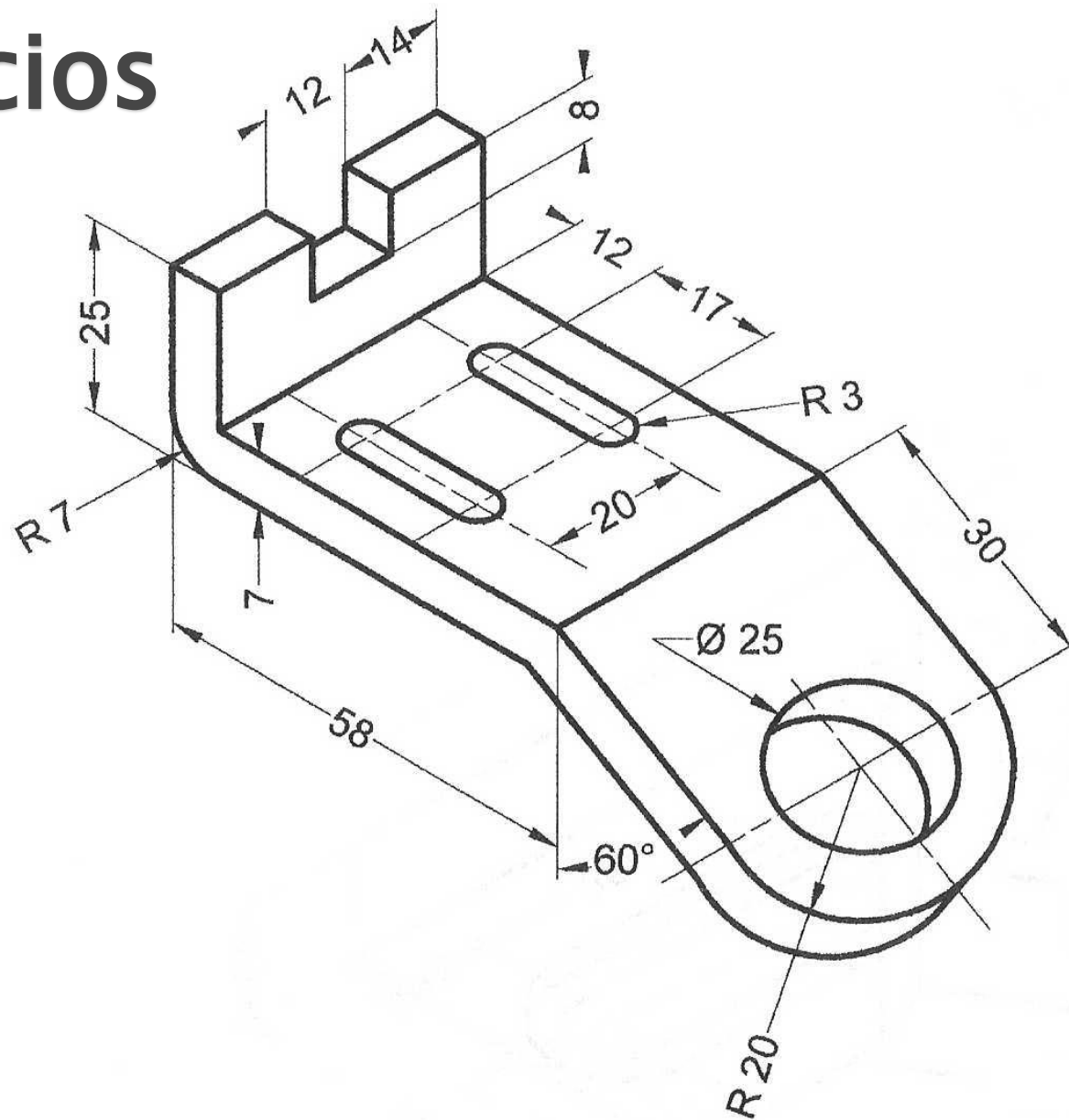
Vistas interrumpidas



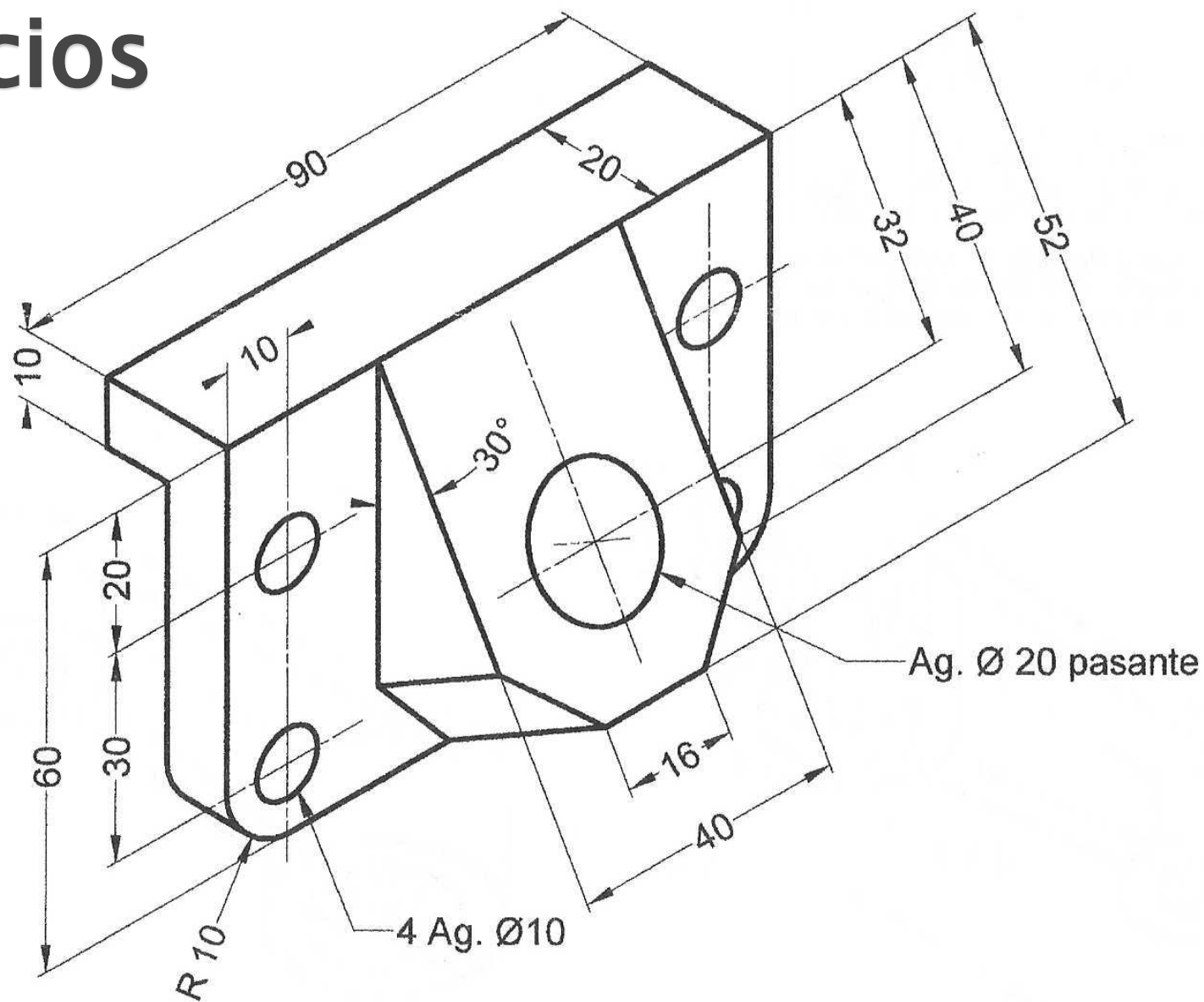
Ejercicios



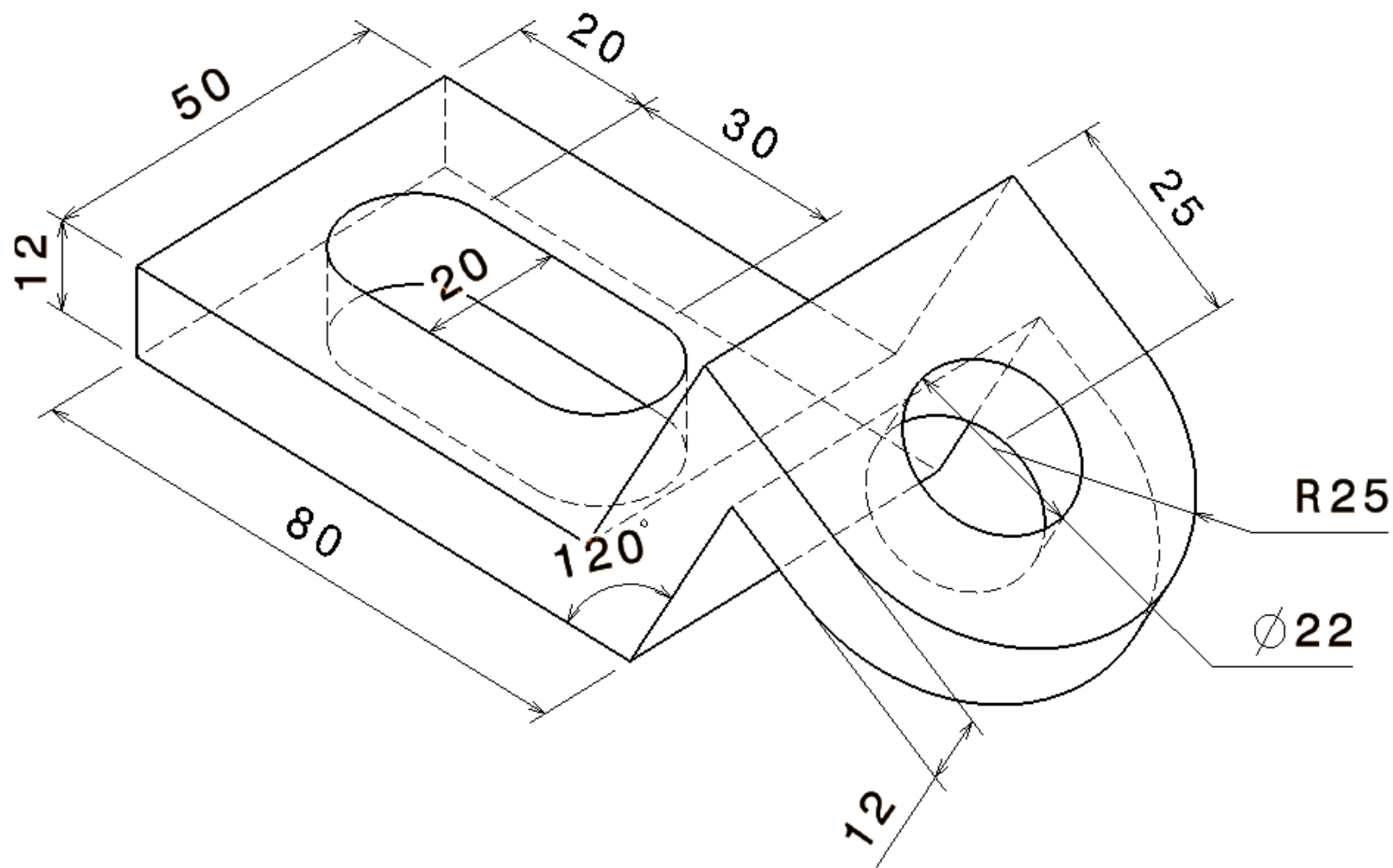
Ejercicios



Ejercicios



Ejercicios



Ejercicios

