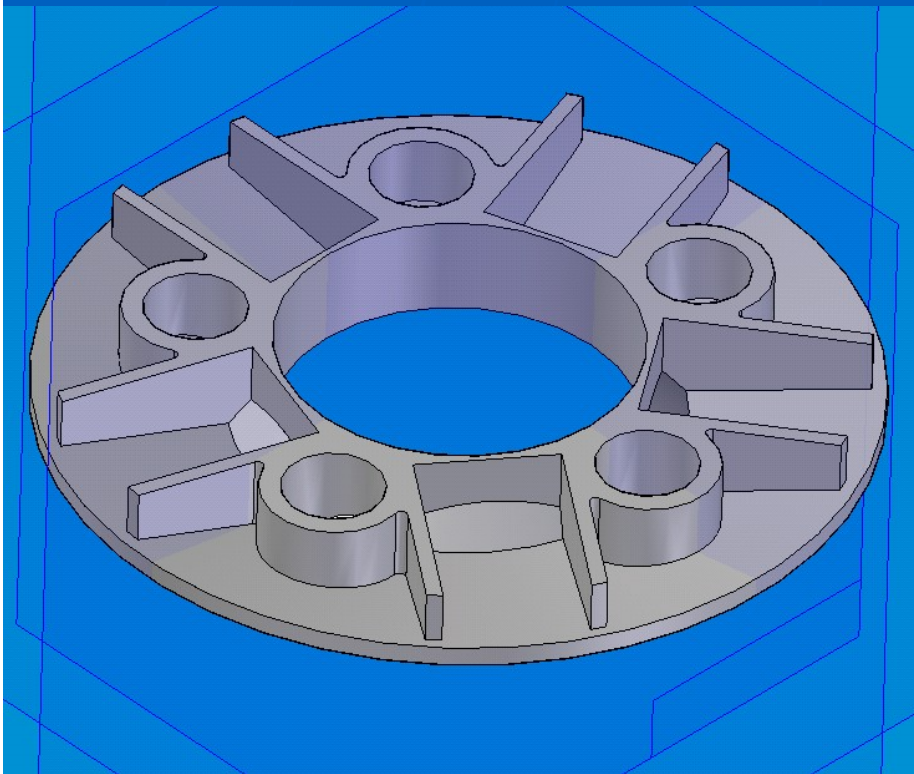


TAPA DE VARIADOR



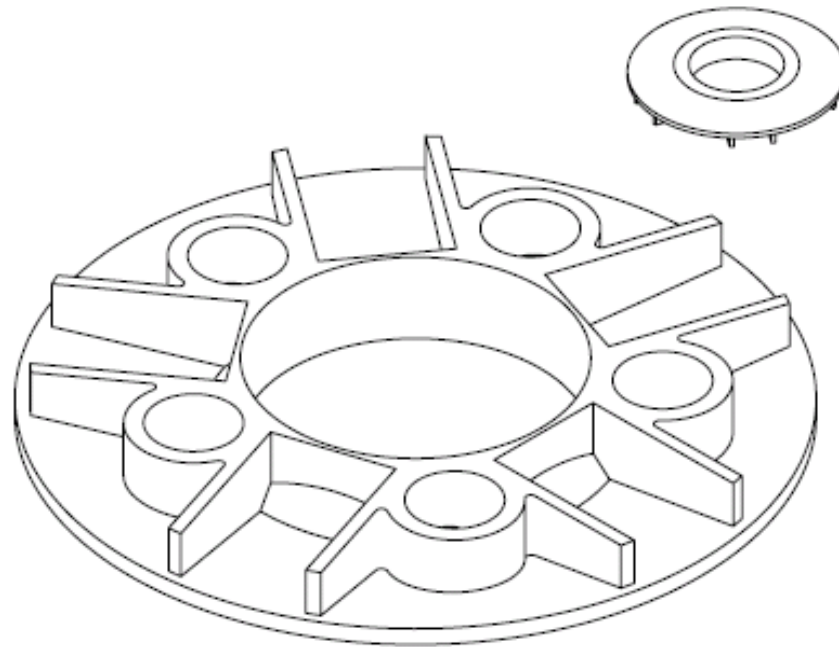
Grupo 304

Arturo Veiga	05407
Ainhoa Vidaurrázaga	05414
Diego Romera	05356
Juan Carlos Hernando	04193

Enunciado de la pieza

Enunciado. Dada la siguiente pieza en perspectiva isométrica, dibujar las vistas necesarias y suficientes, debidamente acotadas, para su correcta definición, a escala 2:1.

NOTA: Los cinco taladros de la pieza que están uniformemente distribuidos, son ciegos, de profundidad 5 mm.



Despiece del Variador



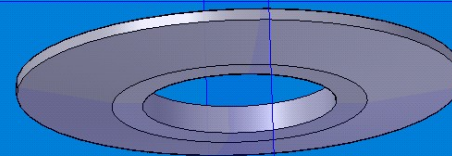
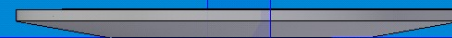
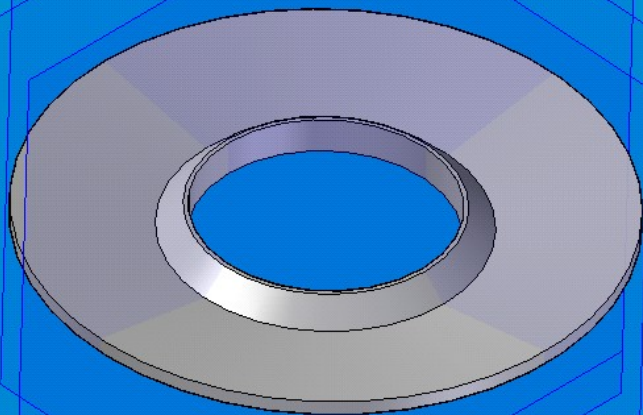
Variador montado



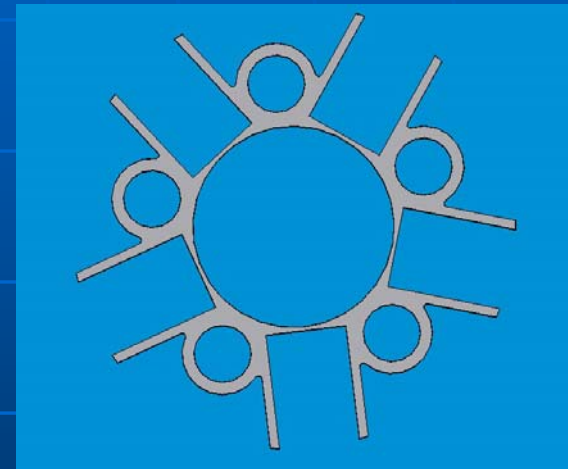
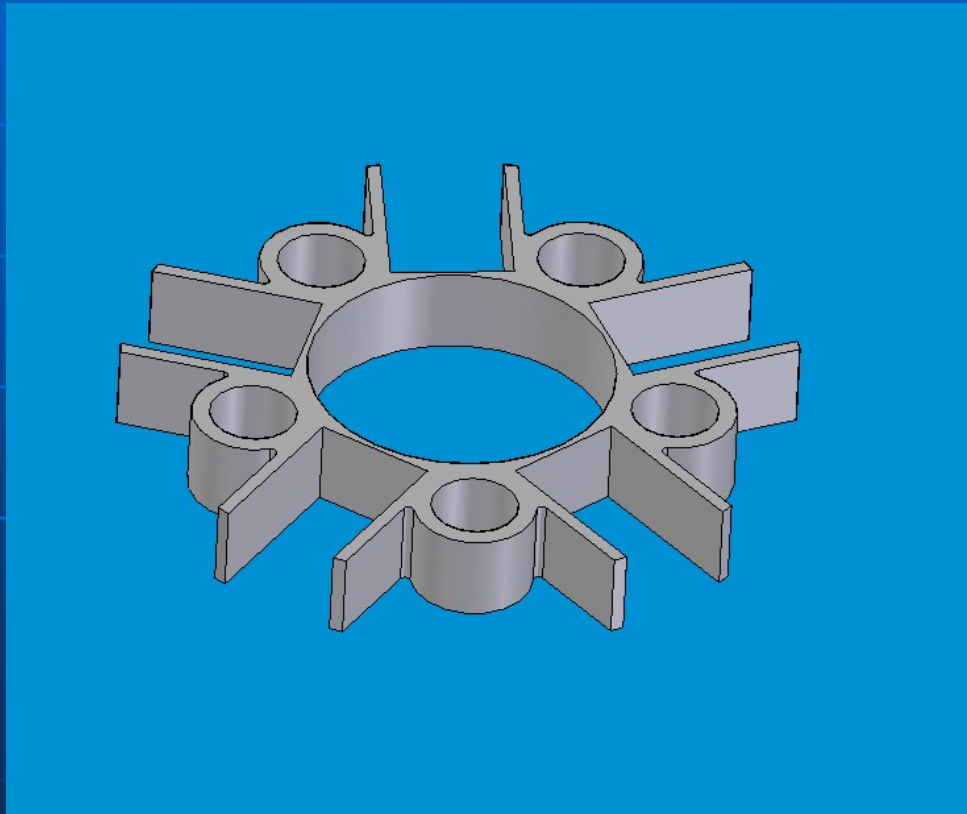
■ Explicación funcionamiento

- Cuantas más revoluciones, más velocidad.
- Tapa de variador se mantiene fija

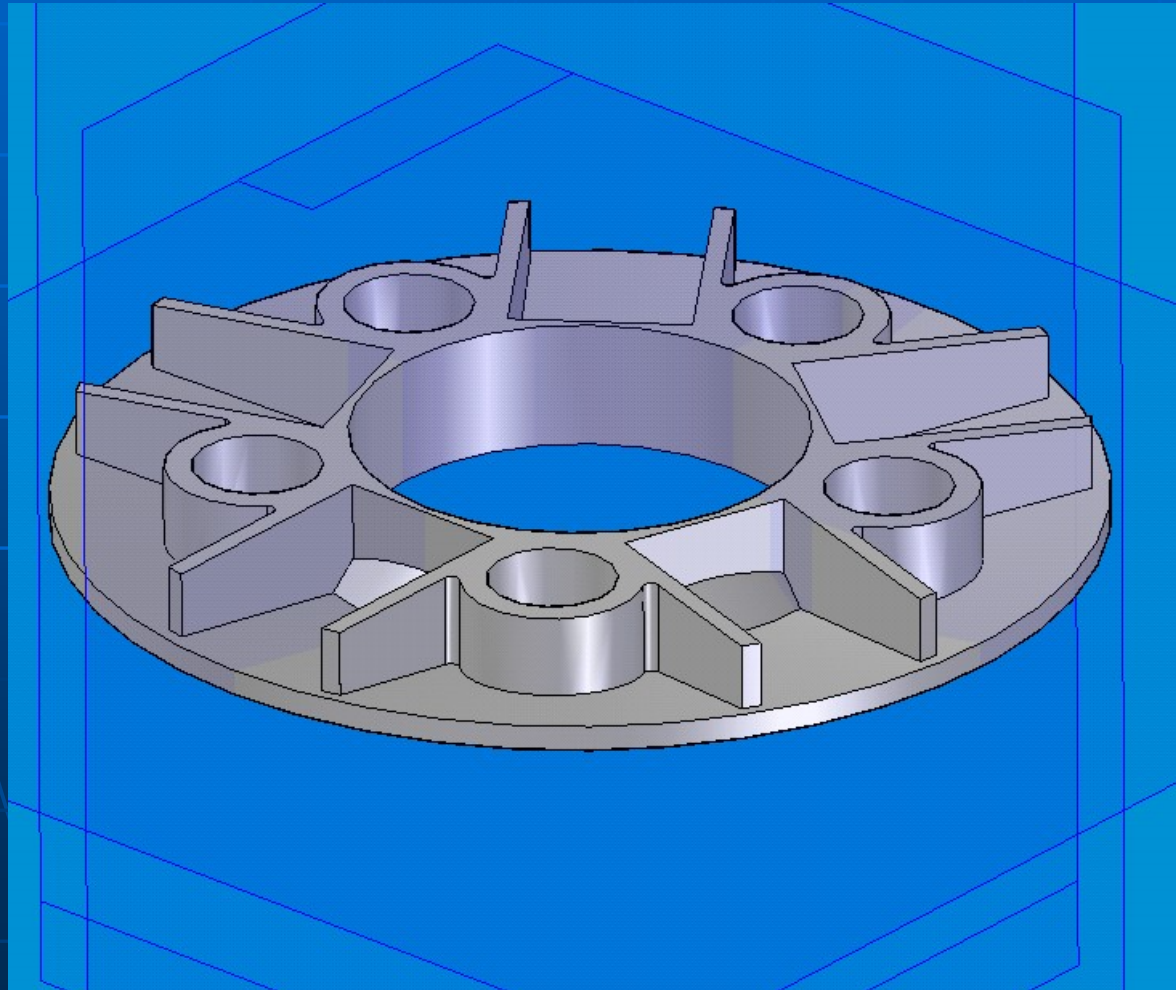
Base de la pieza



Soporte



La pieza



Escala

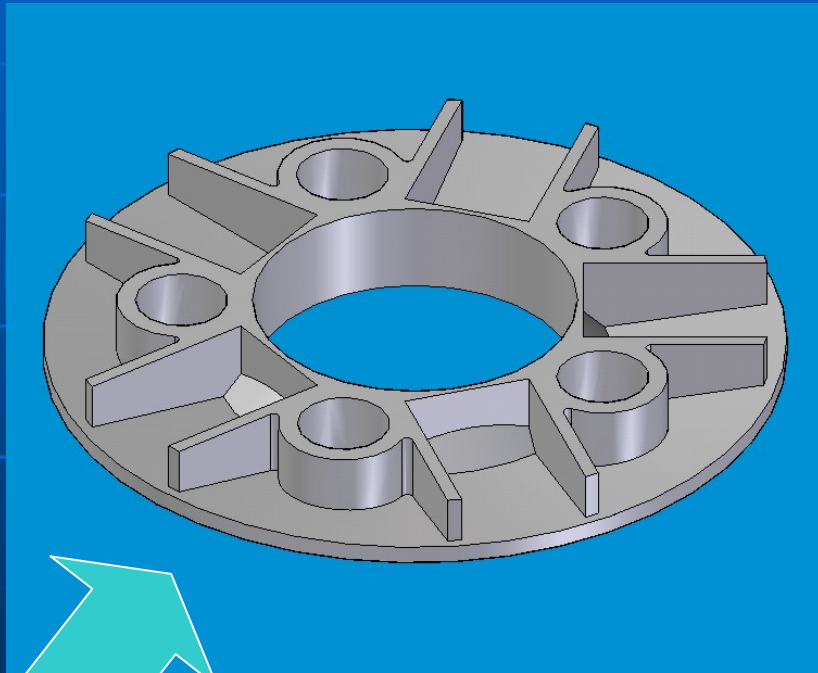
La escala de la pieza es de $3/2$

La escala a la que debemos dibujarla es de $2/1$

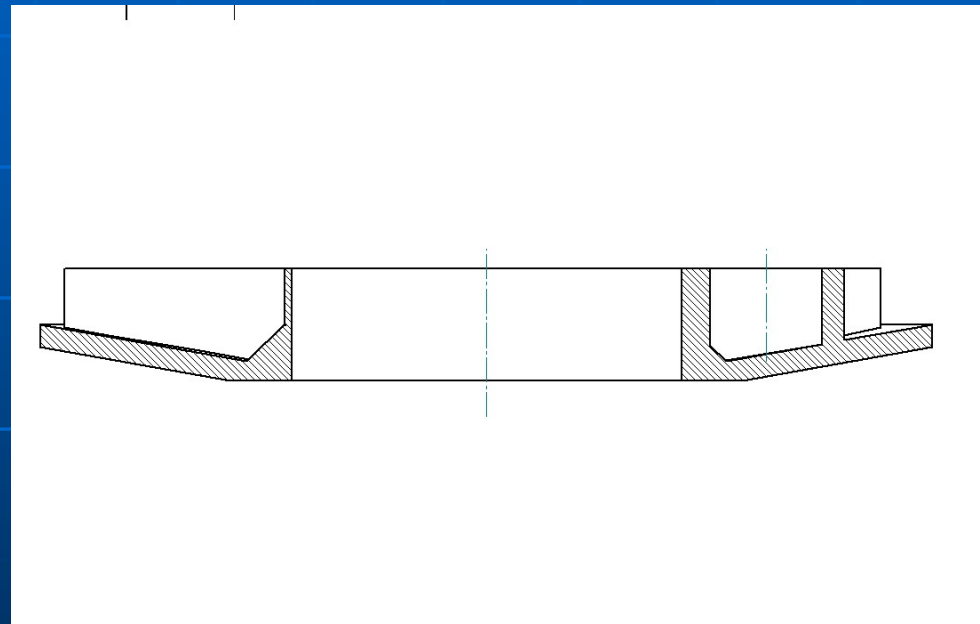
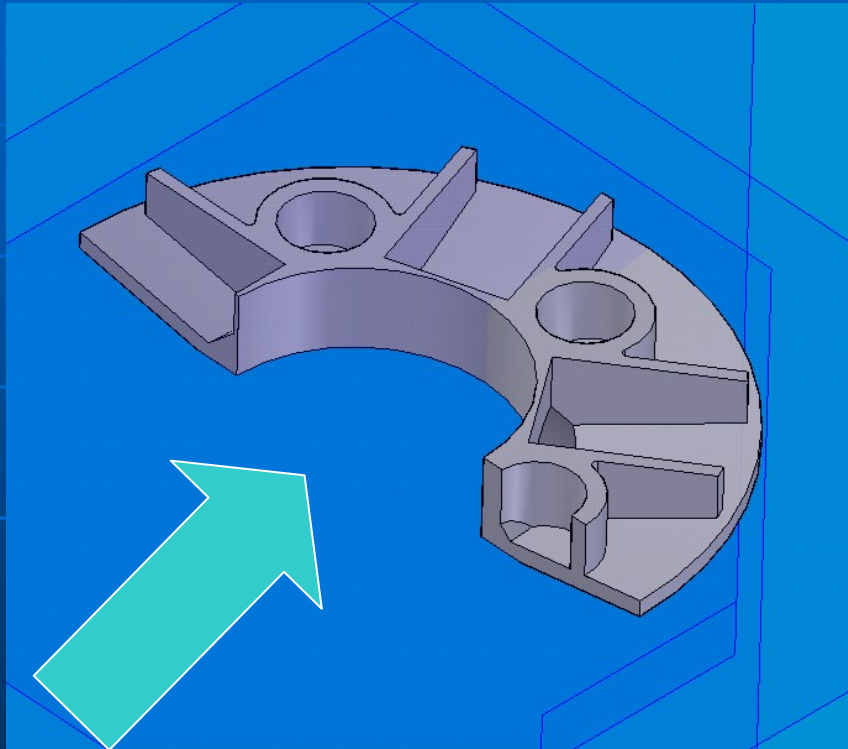
$$2/3 * 2/1 = 4/3$$

La escala de la vista con el punto de vista inferior es de $1/2$

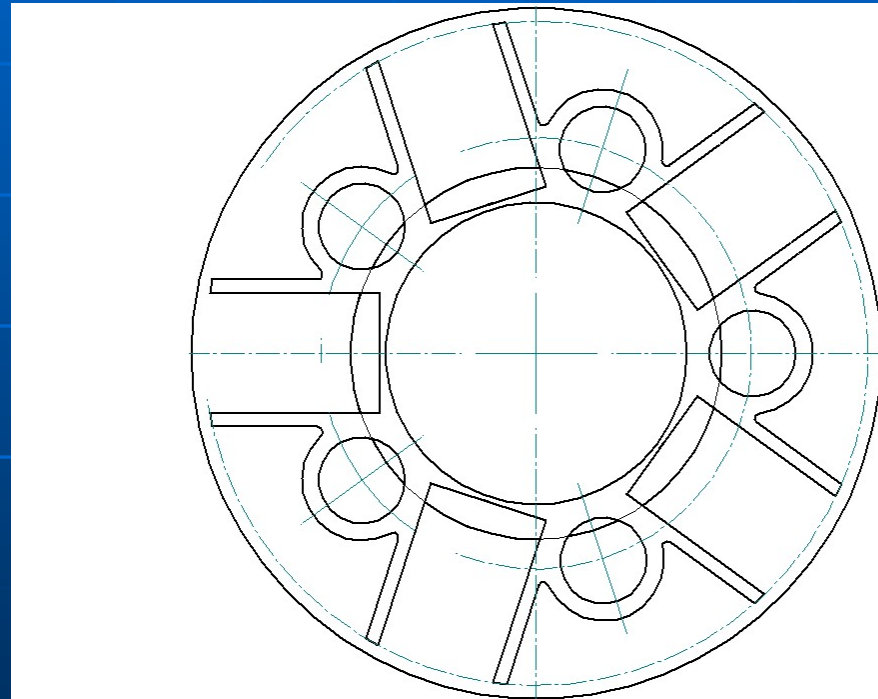
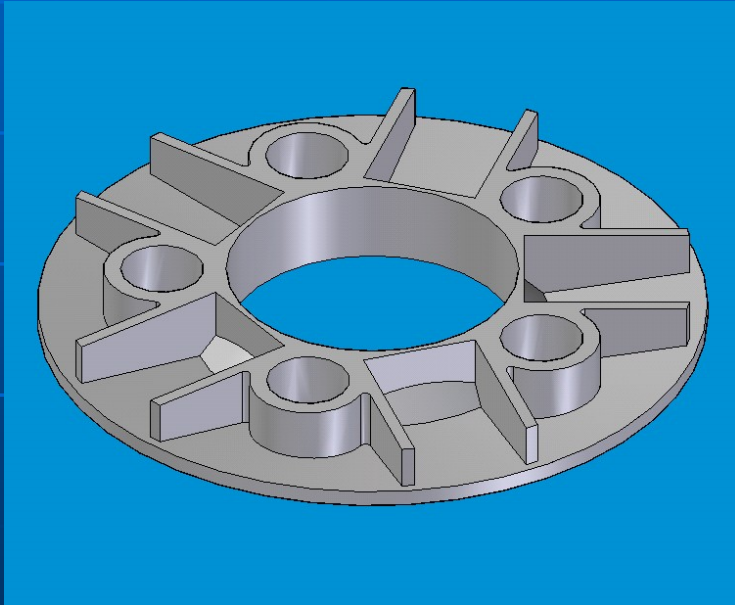
Alzado



Alzado con corte

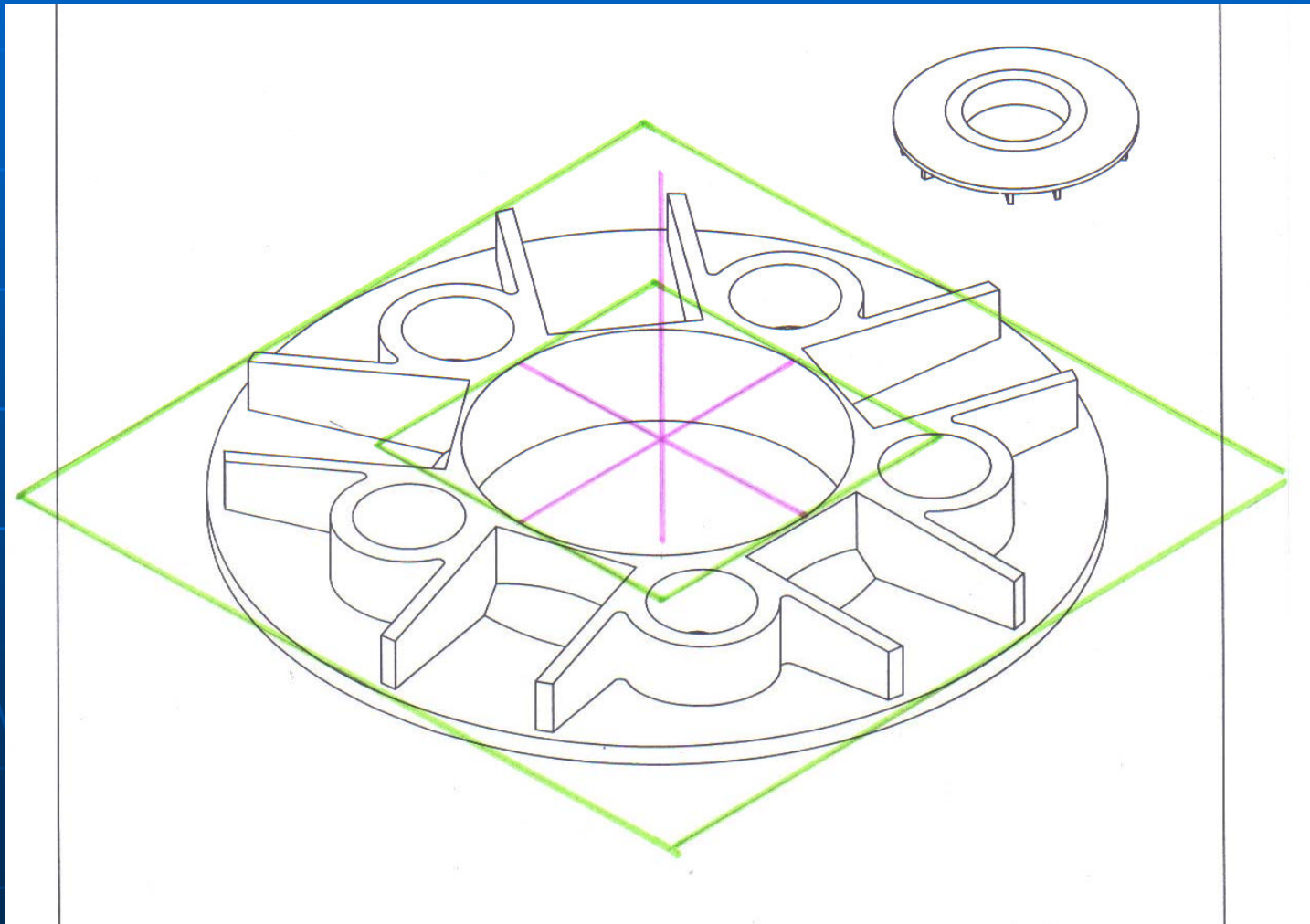


Planta

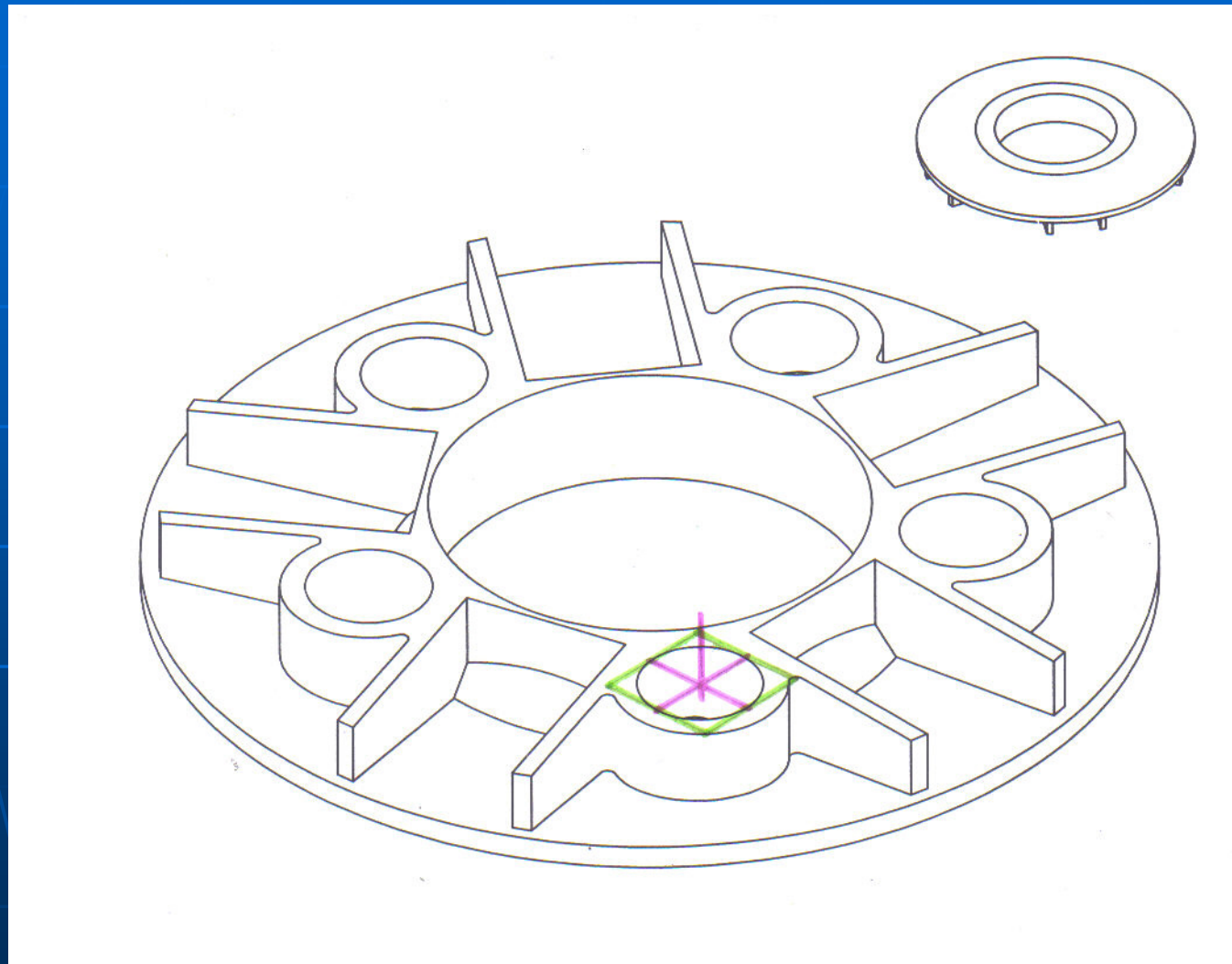


Toma de medidas

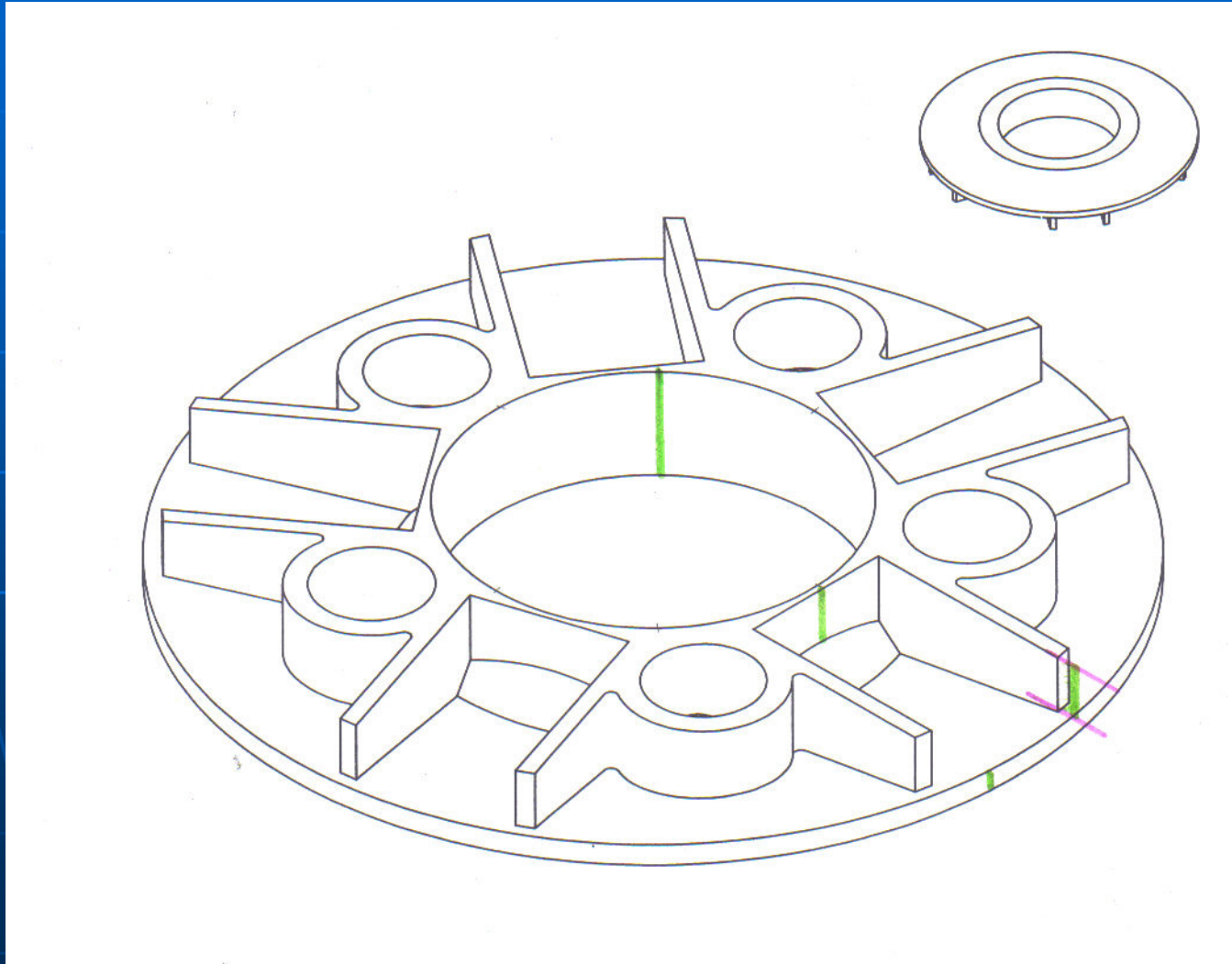
Encuadre de la base



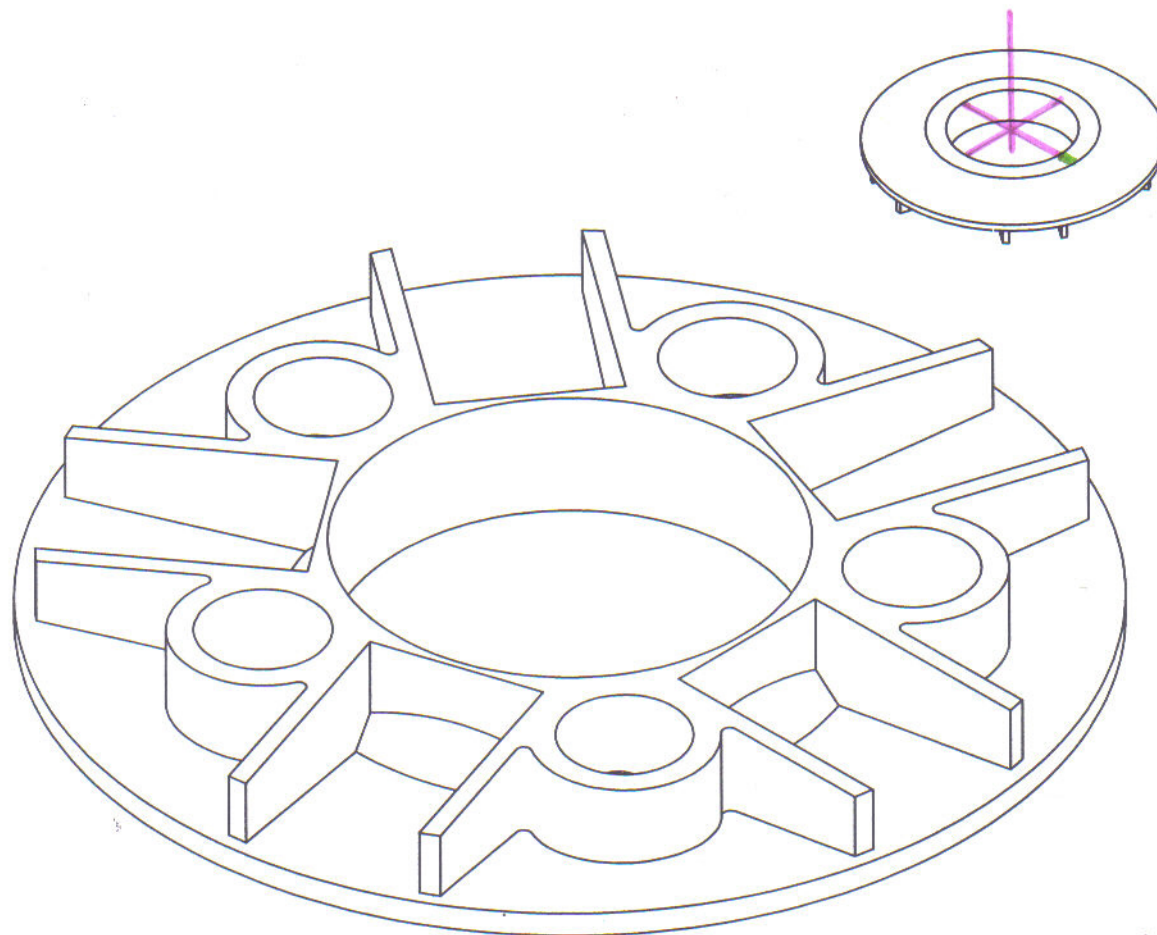
Encuadre de los taladros



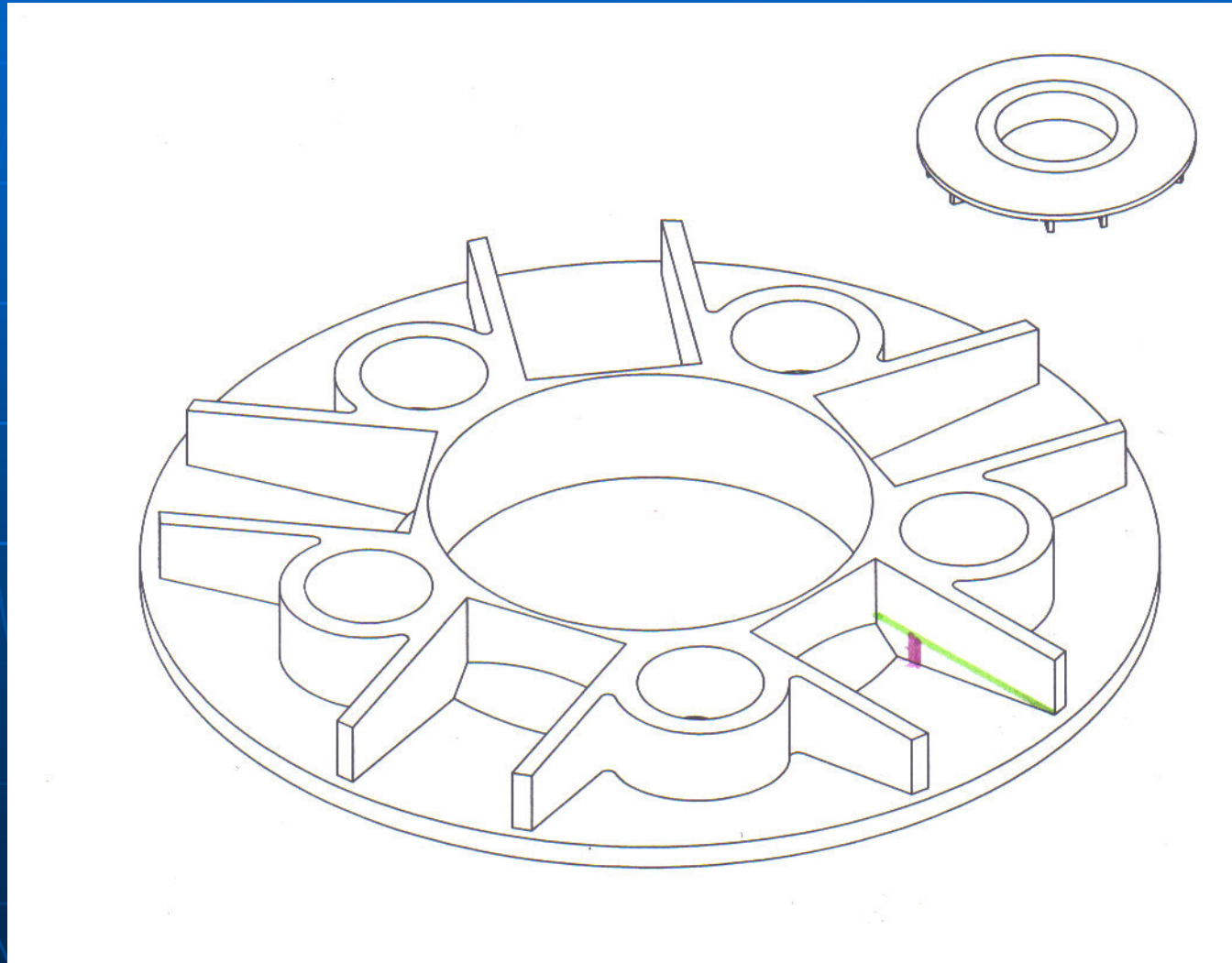
Altura del taladro interior



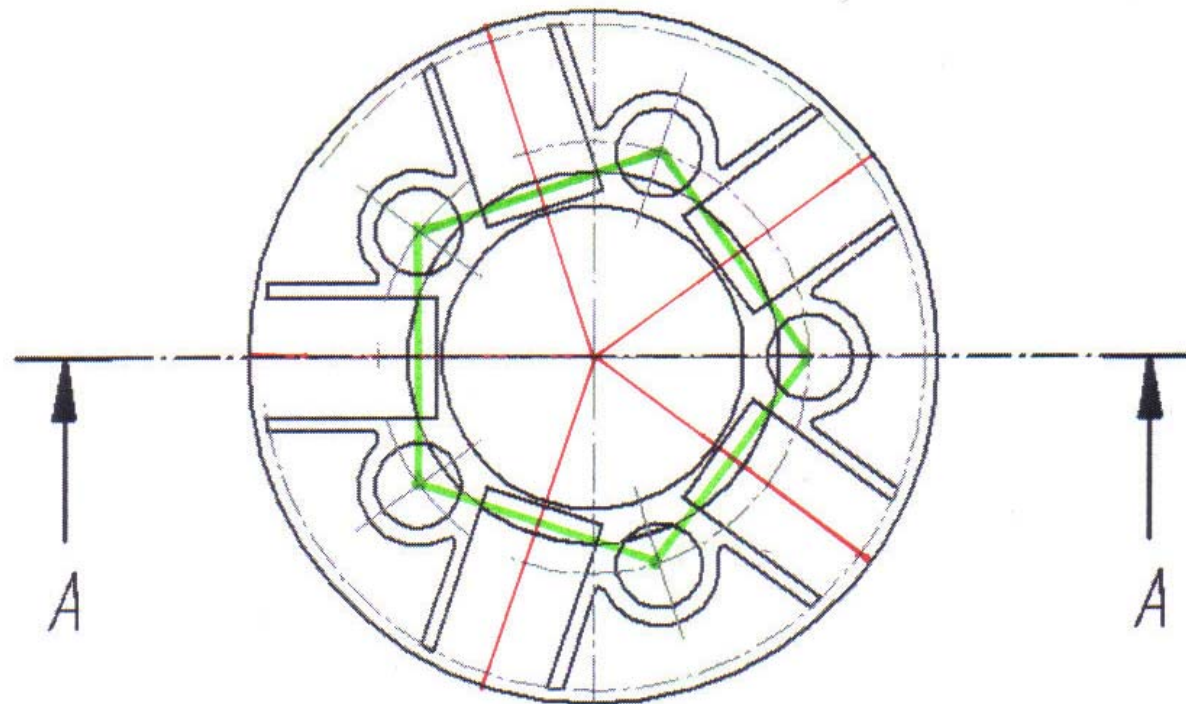
Radio del rebaje



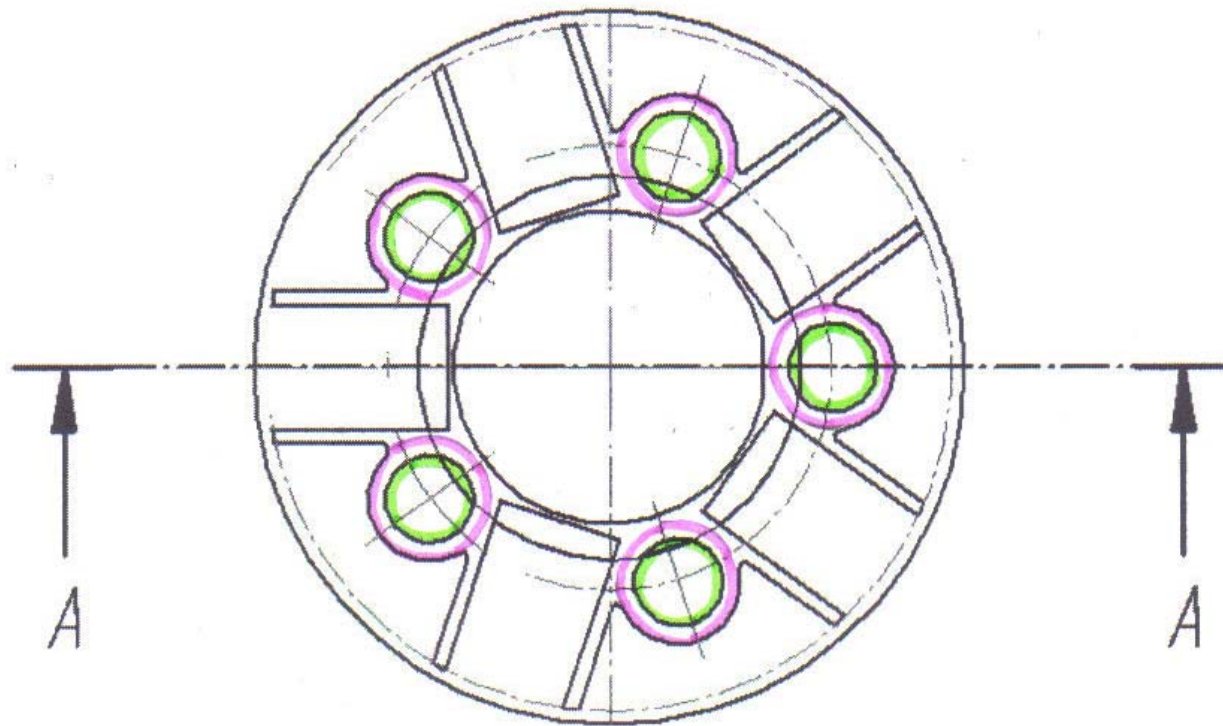
Cálculo de la inclinación de la base



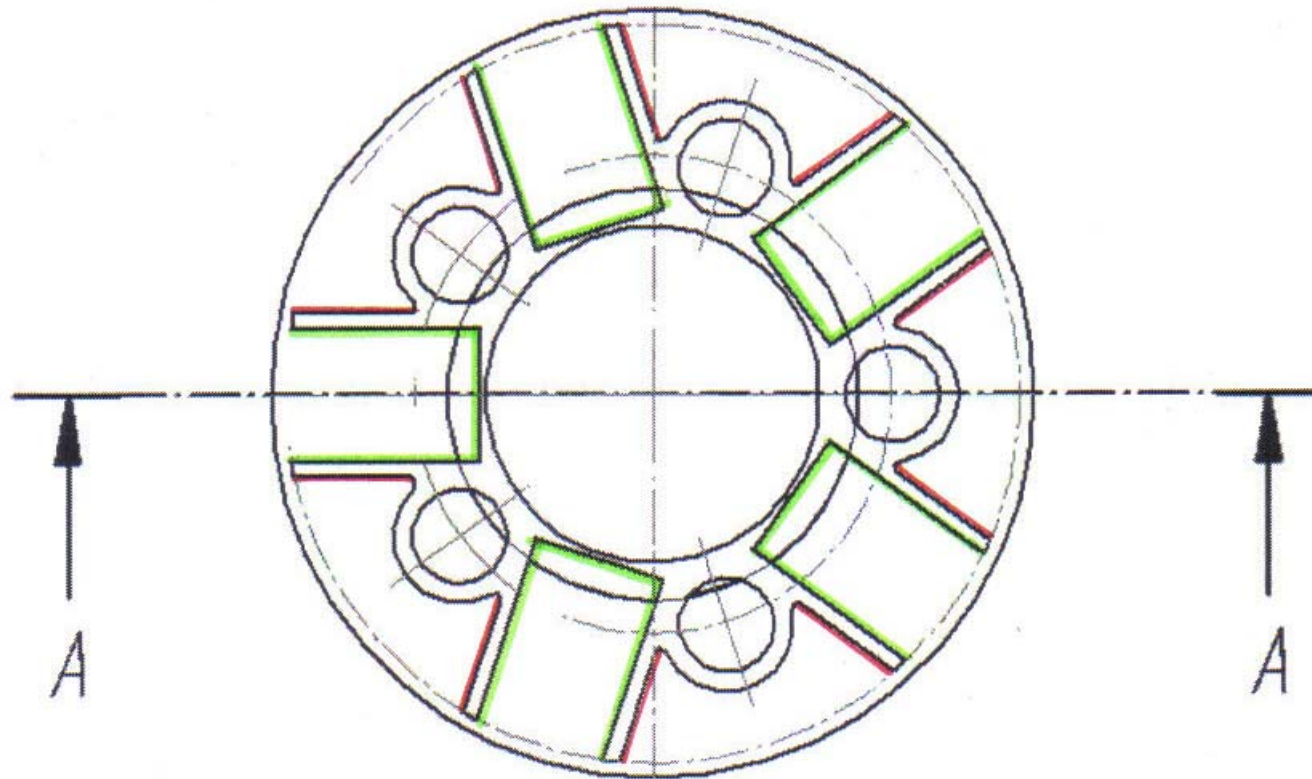
Pentágono inicial y mediatrices de sus lados



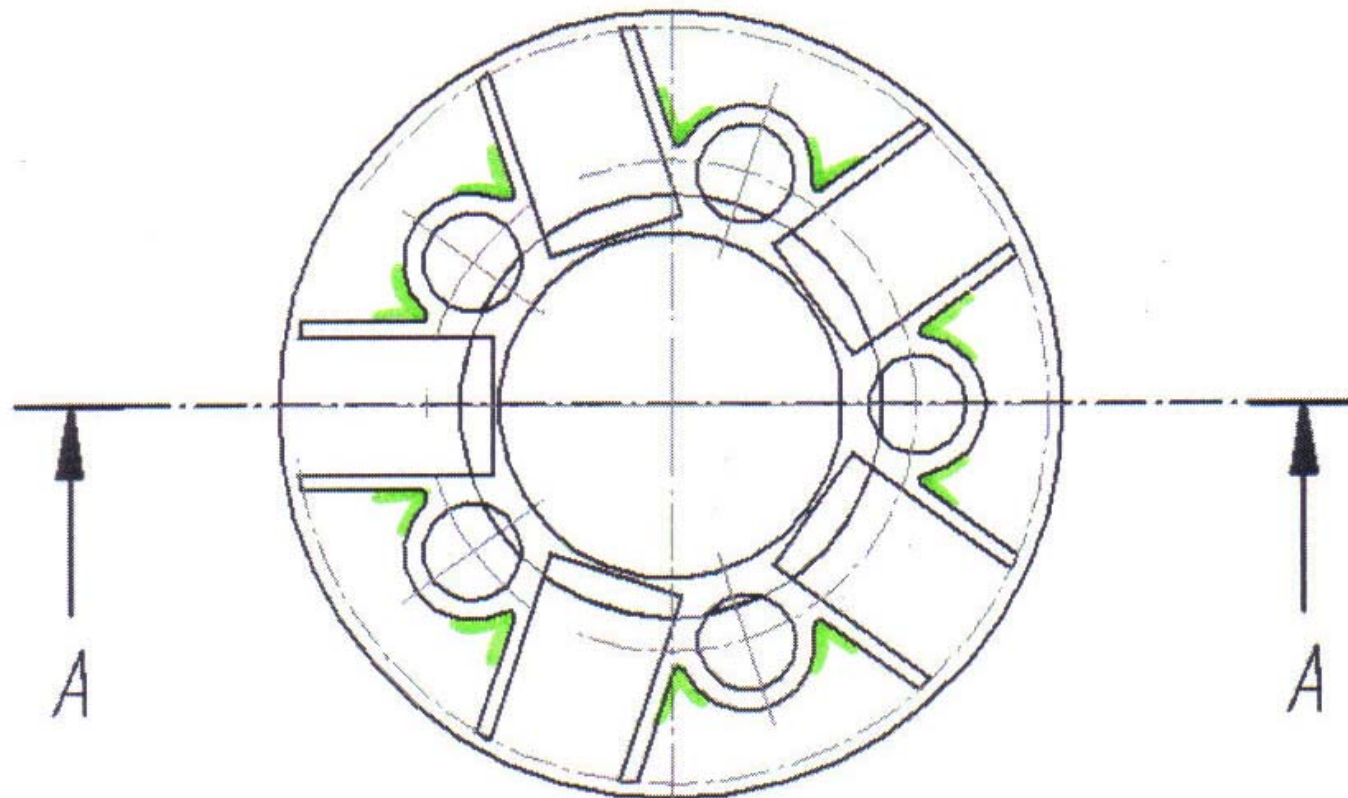
Taladros



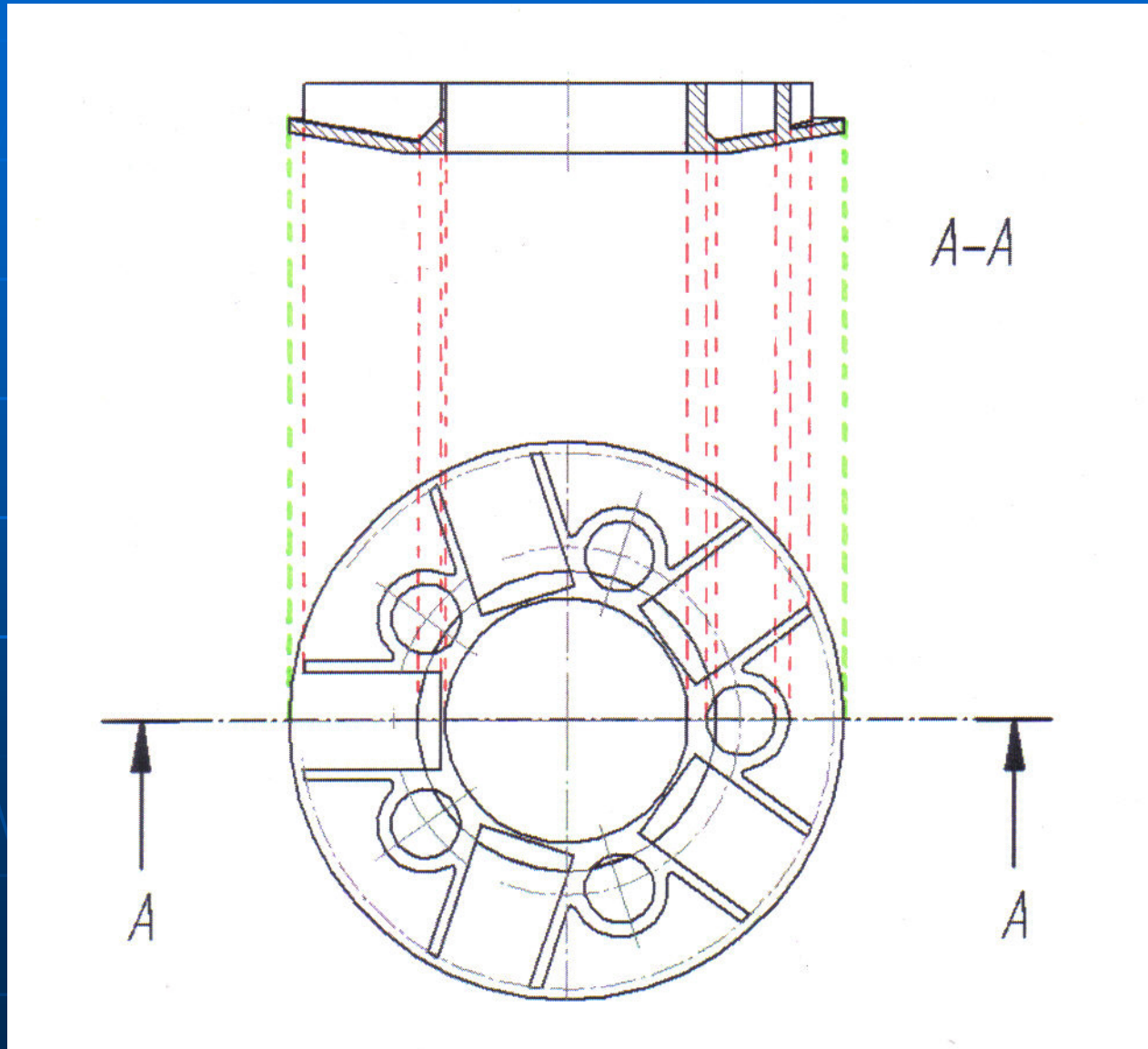
Cajeados



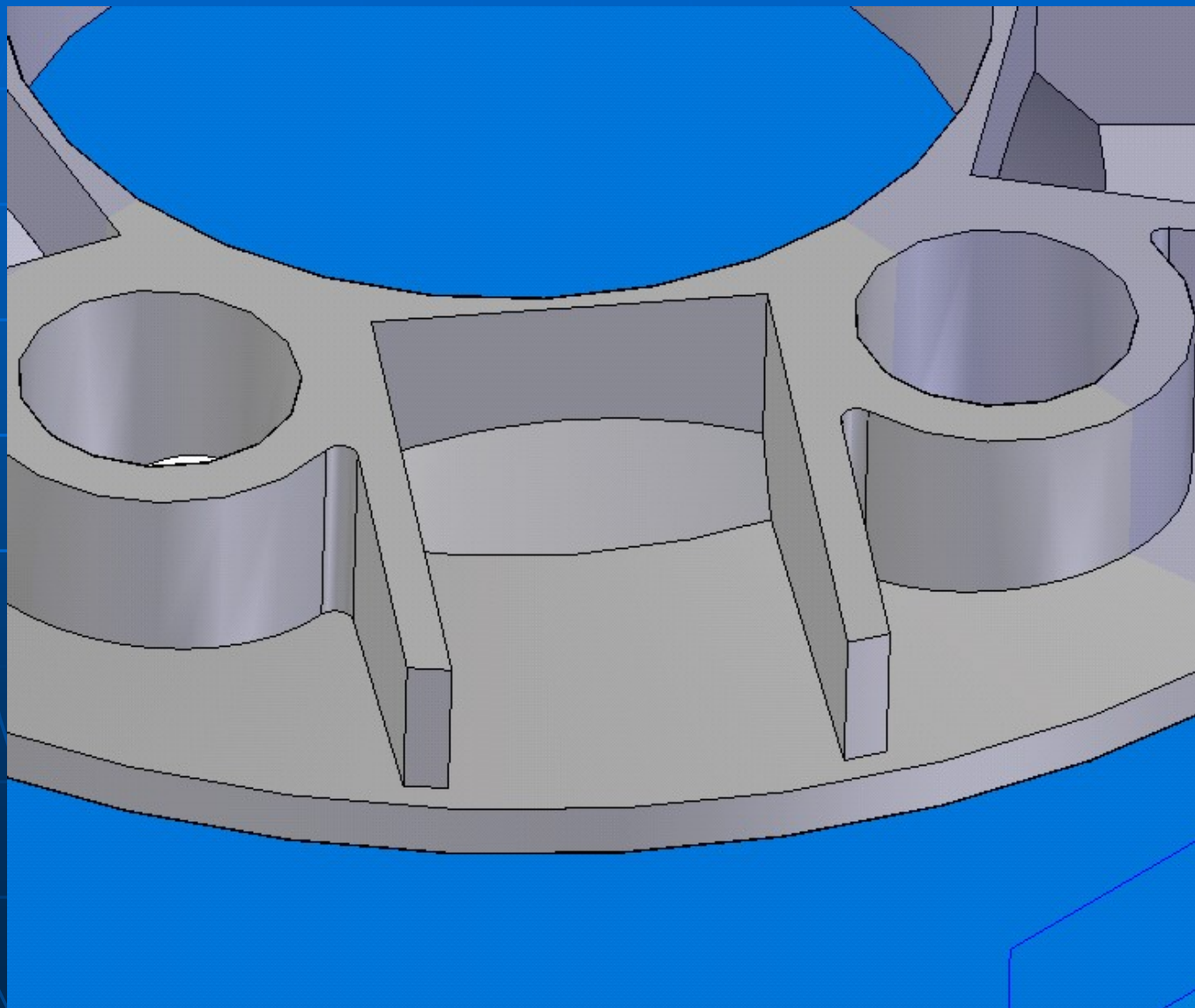
Radios de acuerdo

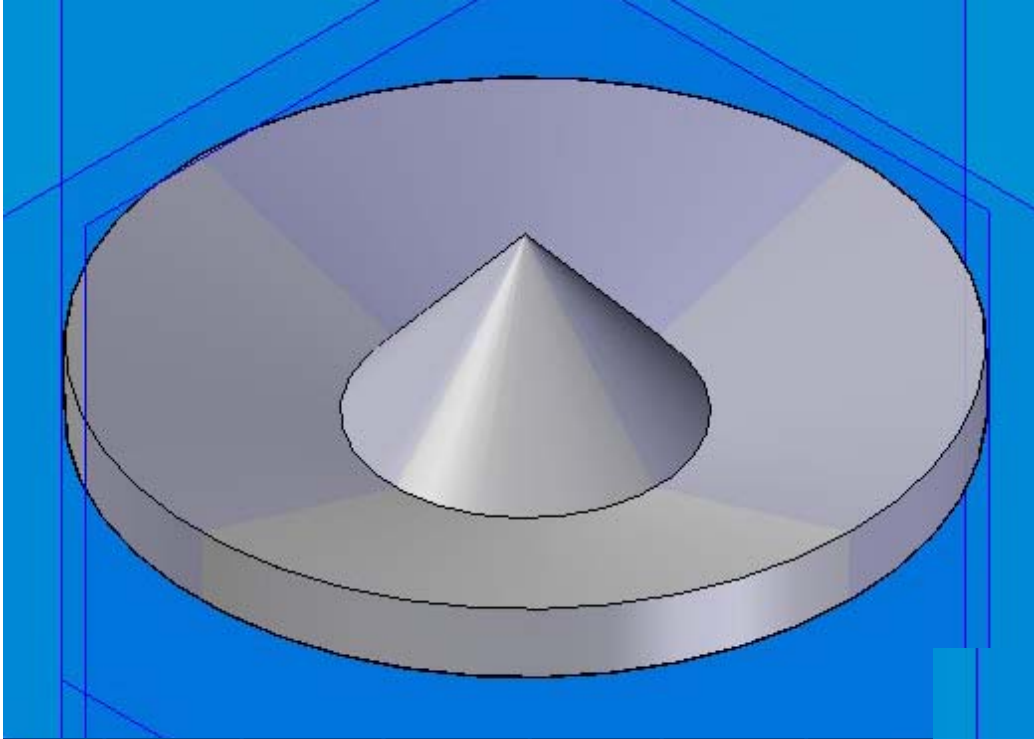


Trazado del alzado

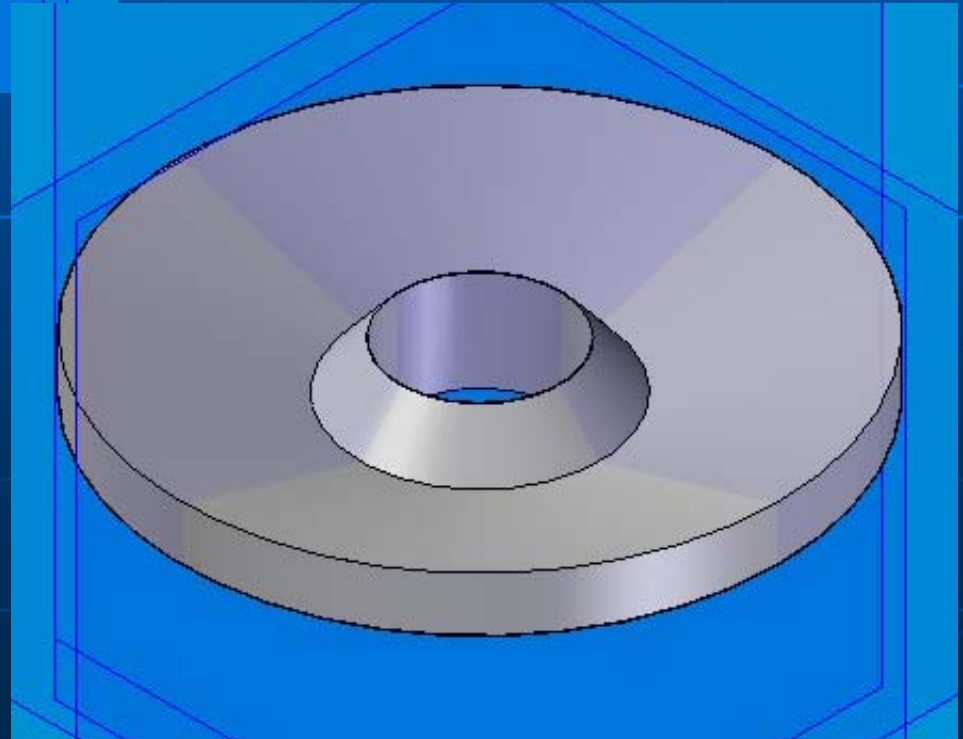


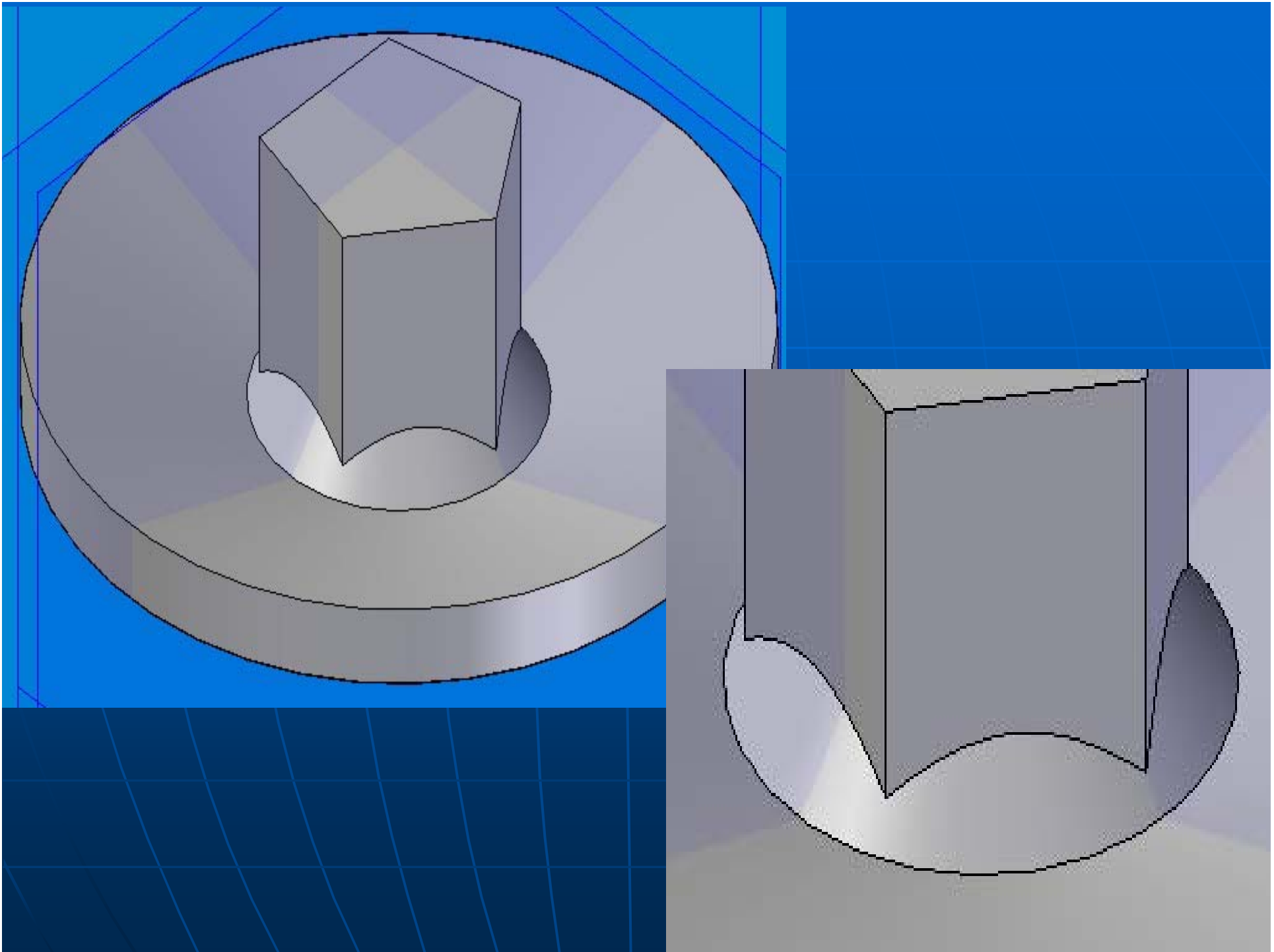
Detalle de intersección del cono





cono

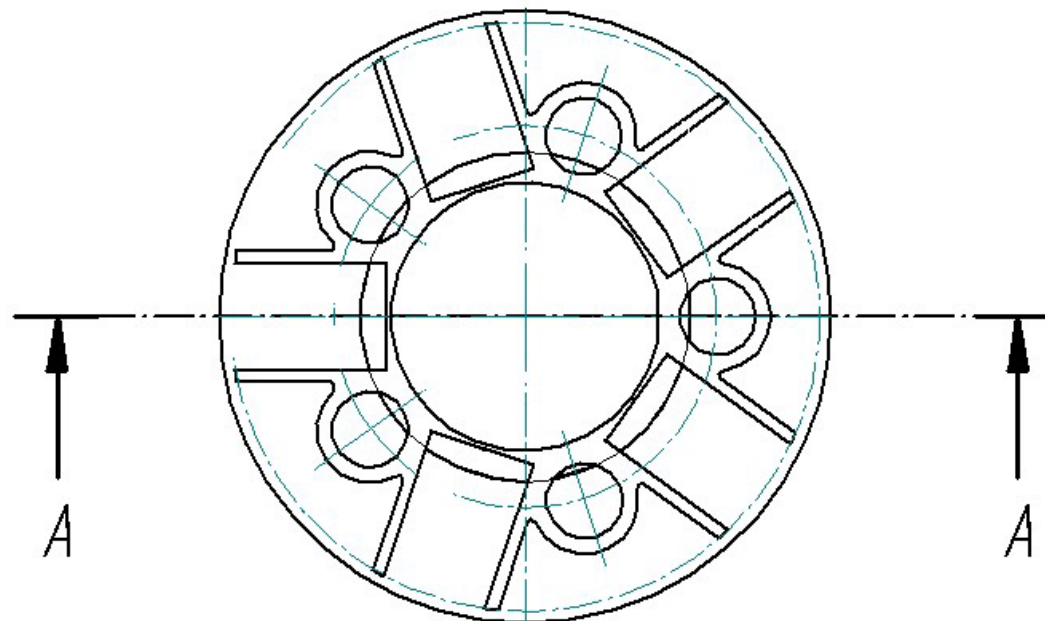




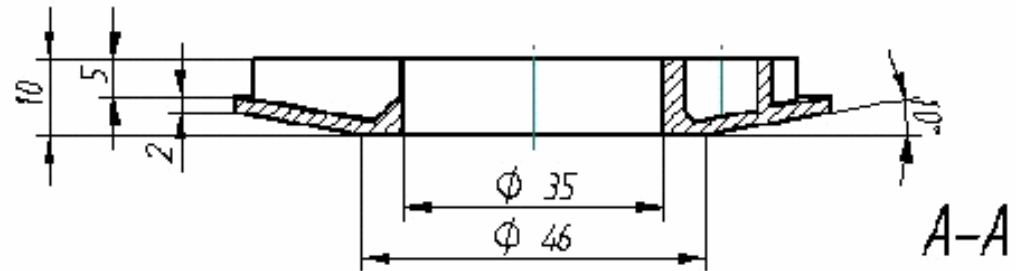
Resultado final



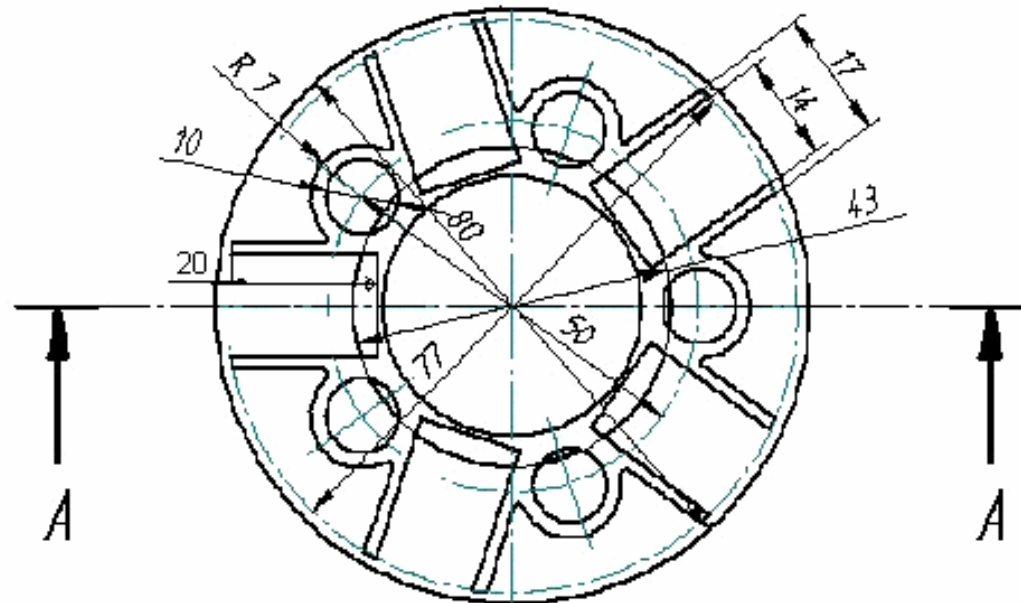
A-A



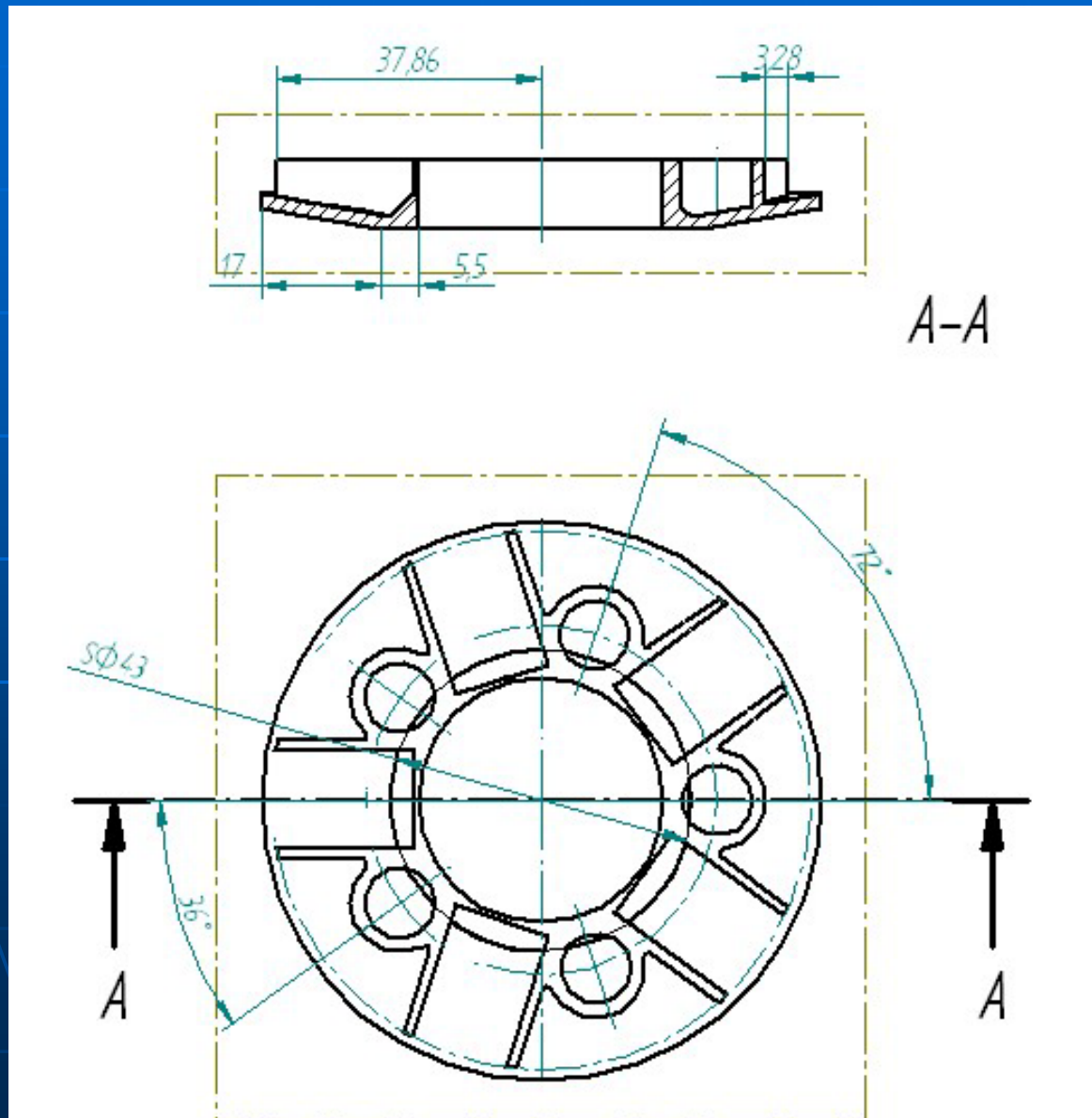
Acotación



Todos los acuerdos
sin acotar son R1



Cotas erróneas



Turno de preguntas