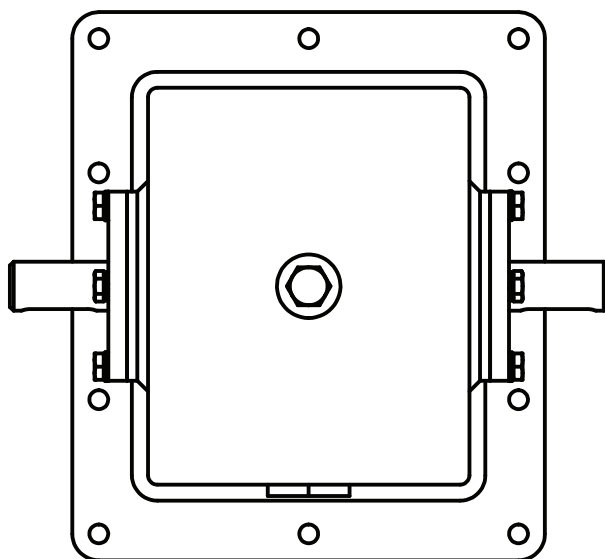
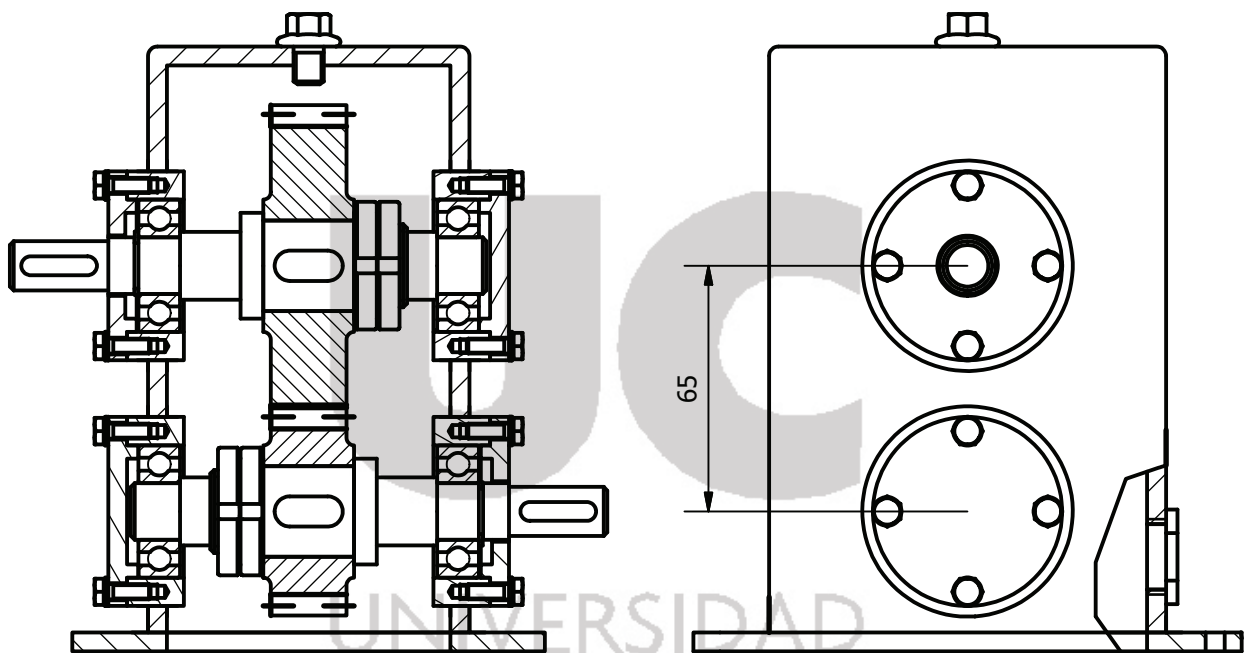
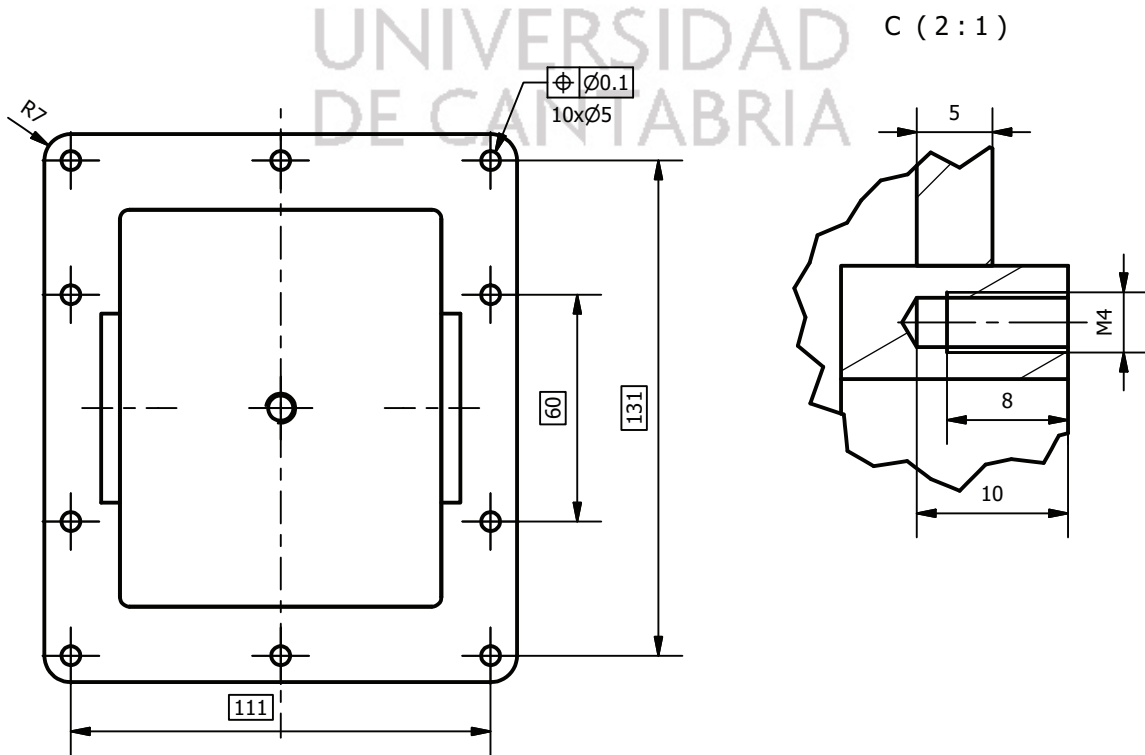
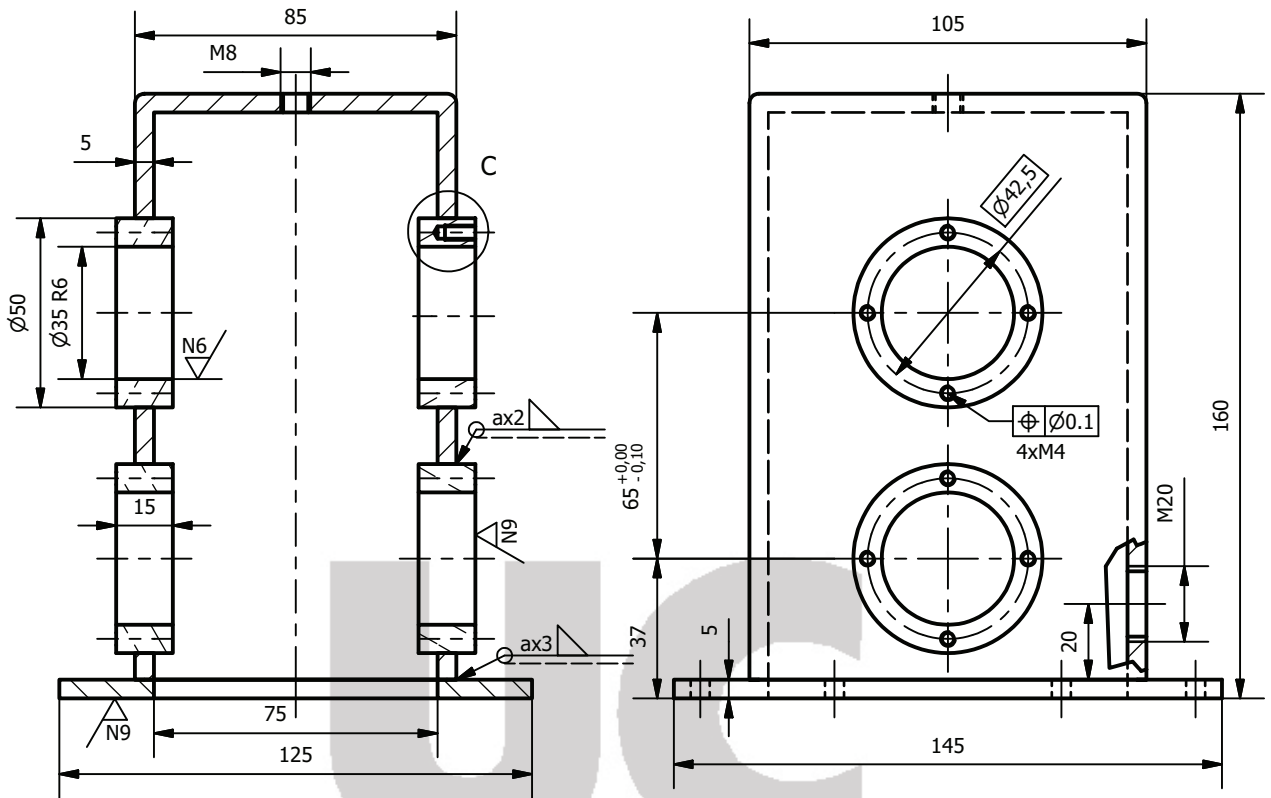


Dada la siguiente figura ($E=1/2$), que representa un reductor, se pide:

1. Calcular e indicar las dimensiones y datos que definen los engranajes.
 $19 < N^{\circ} \text{ dientes } Z < 75$
2. Realizar los planos de taller de los elementos que componen el conjunto, indicando las tolerancias, tanto dimensionales como de forma y/o posición necesarias, así como los acabados superficiales más adecuados.
3. Perspectiva en explosión del conjunto.



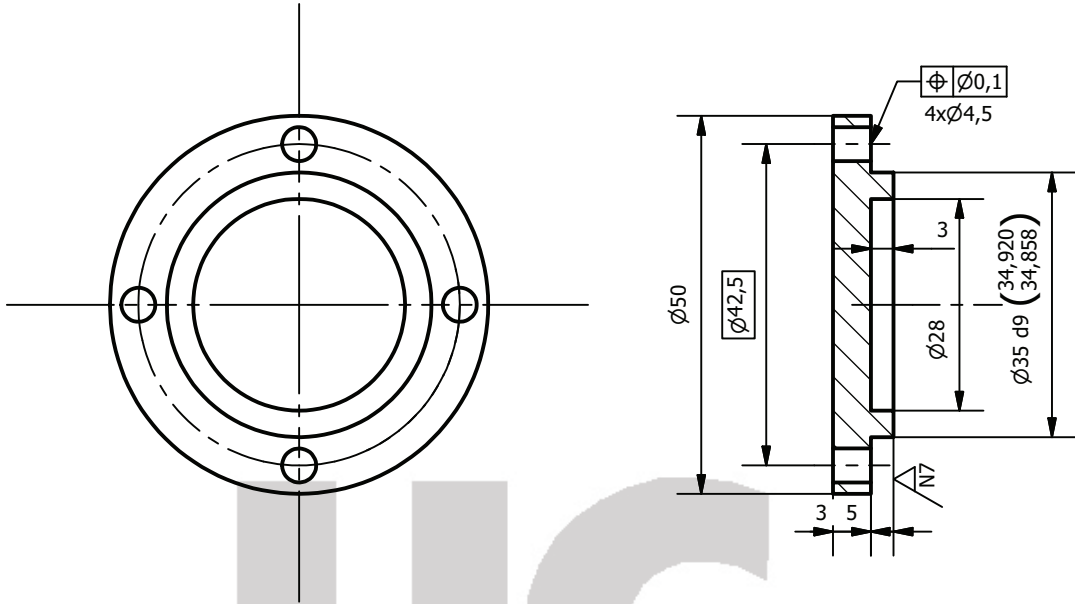
CAJA E=1/2



UNIVERSIDAD DE CANTABRIA

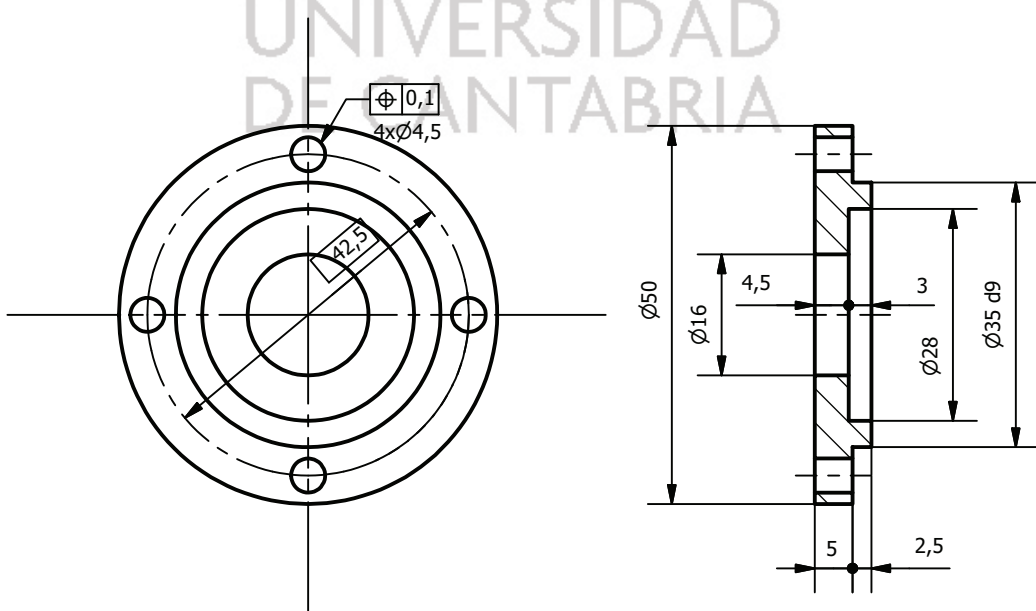
TAPA CERRADA
E=1/1

N9 (✓)

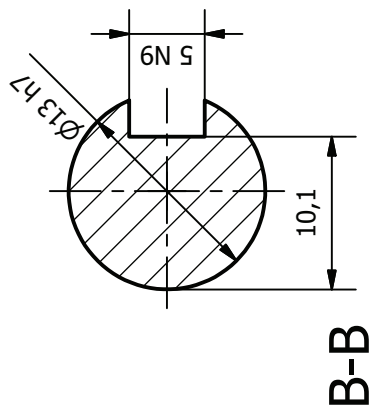
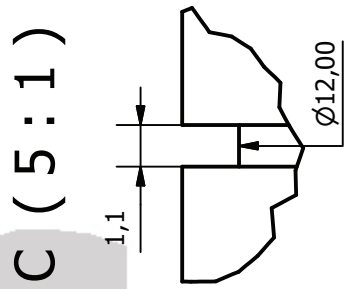
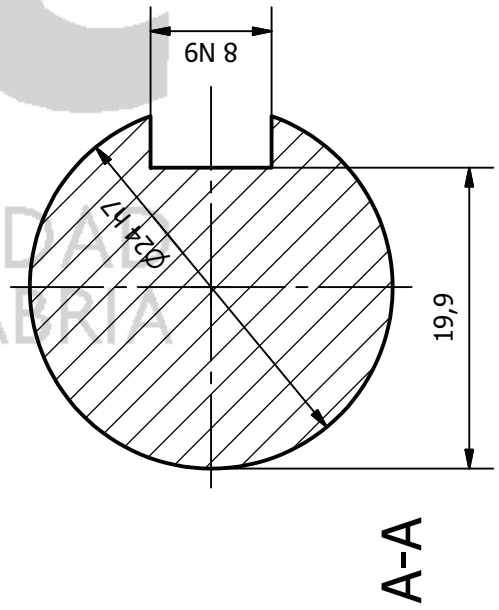
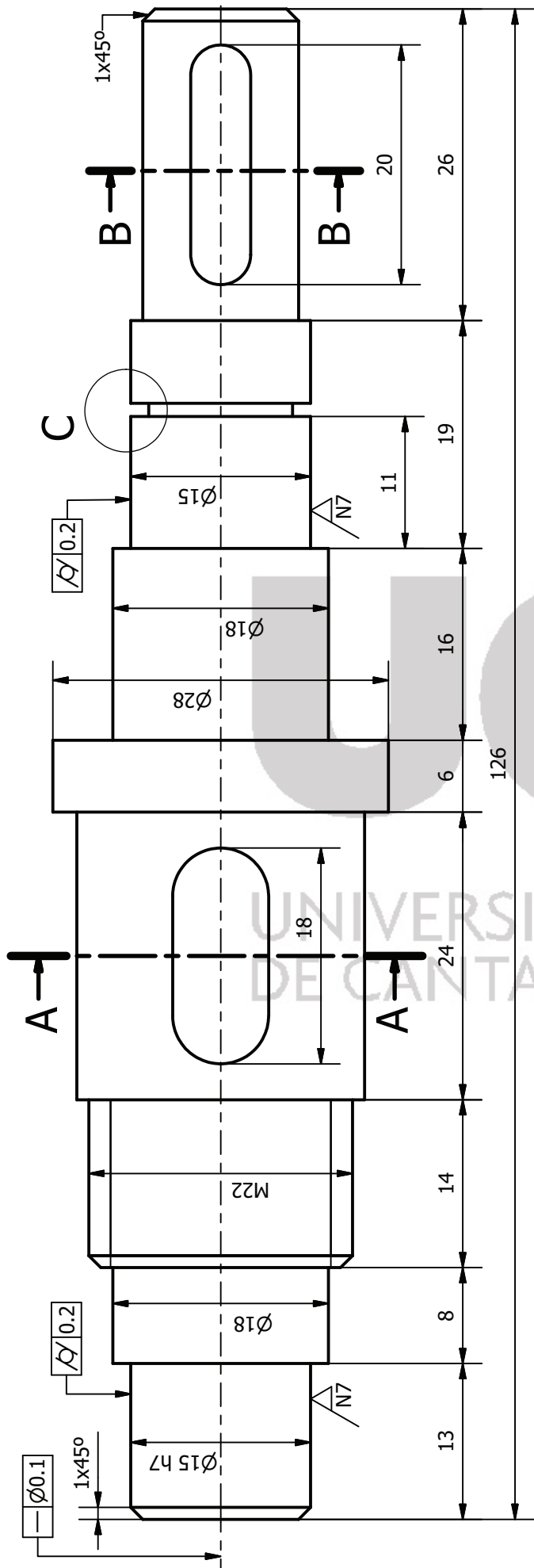


TAPA ABIERTA
E=1/1

N9



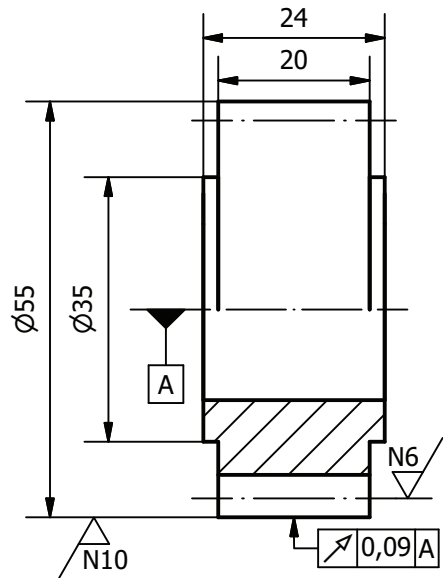
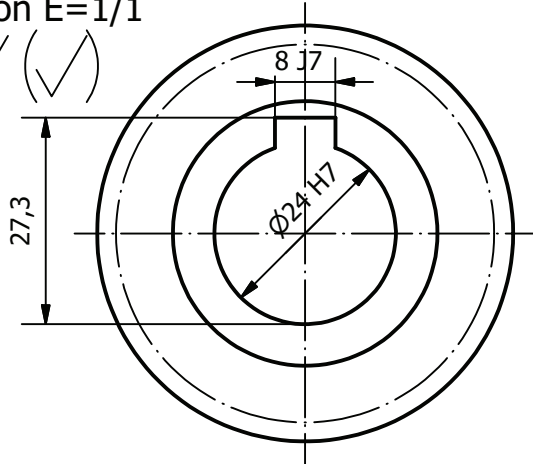
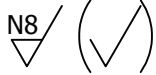
UNIVERSIDAD
DE CANTABRIA



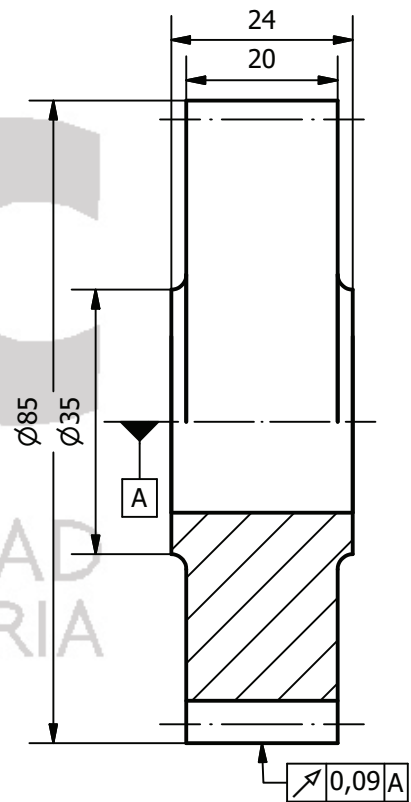
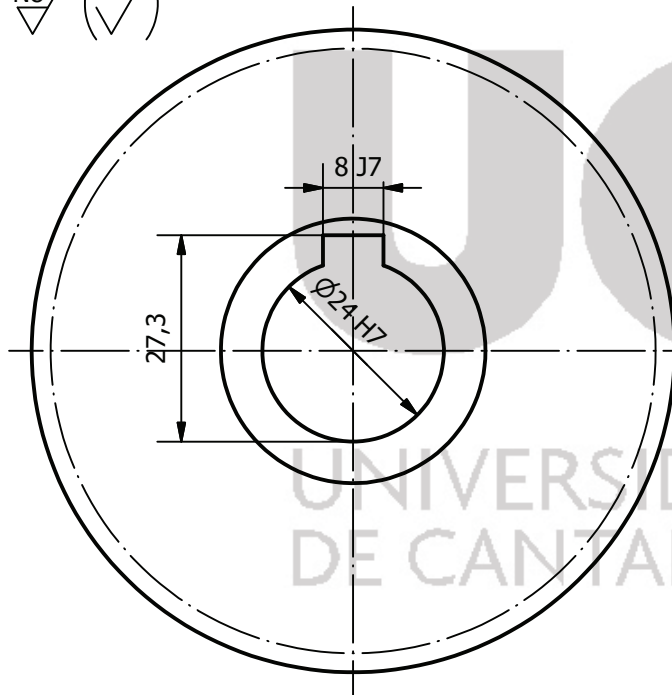
$N8\ (\sqrt{\quad})$

EJE
E=2/1

Piñón E=1/1



Rueda E=1/1



Datos de los Engranajes

	Piñón	Rueda
Modulo	2.5	2.5
Nº Dientes (Z)	20	32
Ø primitivo	50	80
Paso	7.85	7.85
Ángulo de presión	20°	20°
Z Rueda Conjugada	Z Rueda = 32	Z Piñón = 20
Distancia entre centros	65	65

Perspectiva del Conjunto

E=3/4

