

Find the hidden term using below shown figures.



Find it???

V



L

T

Answer: V-belt

Using below image find the method used to lift the material



Figure shows?



4 = i

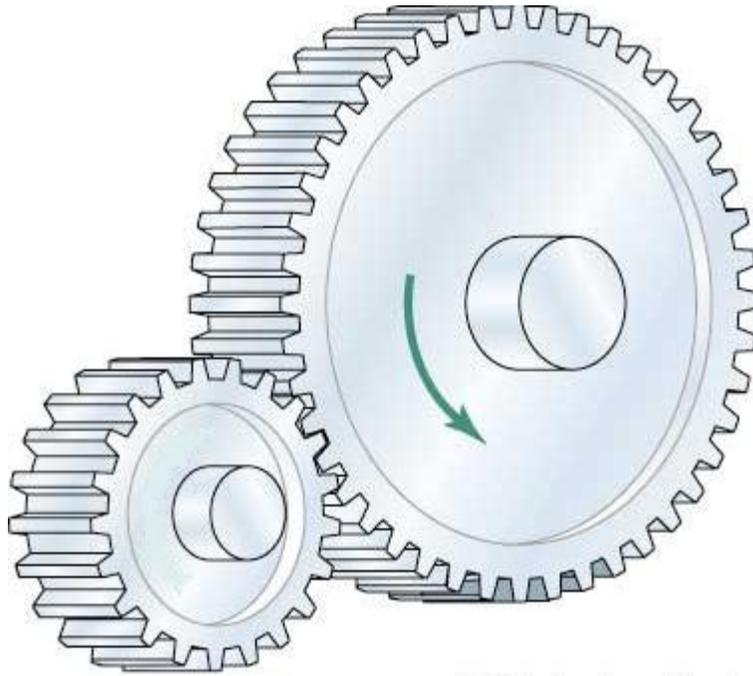


4 = g



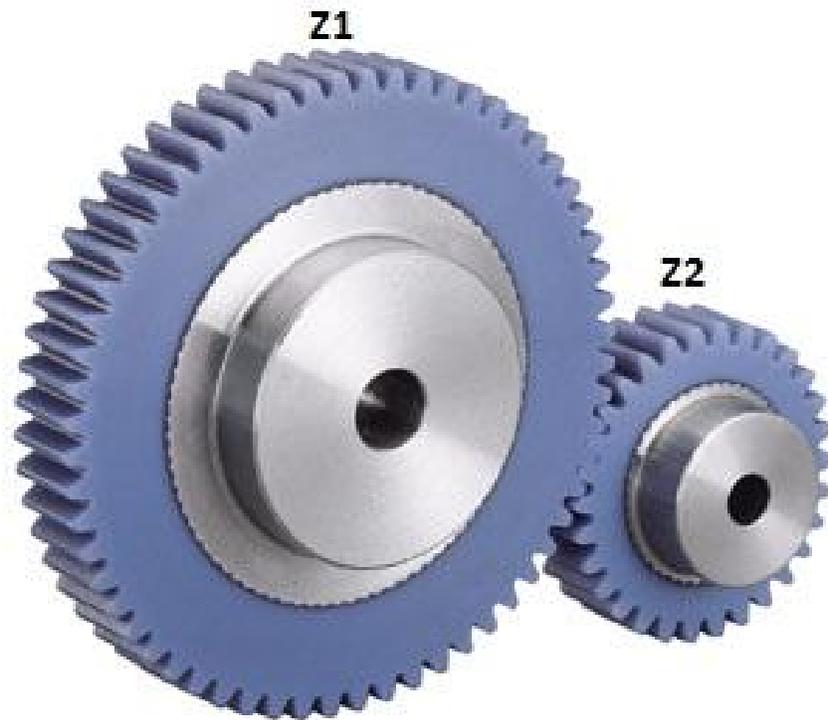
Answer: Helical gear

Find the rotational direction of the below shown gear



Answer: Clockwise

We know that $i = Z_2/Z_1$ find here it's true or not?



Answer: False

Which one has high load carrying capacity? How?



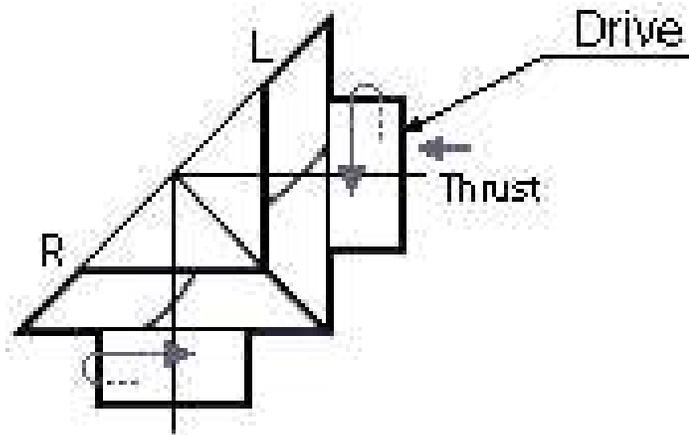
(a)



(b)

Answer: (b) due to increase of line of contact

In which direction the thrust act in the driven gear? How?



Answer: downward direction, because the thrust act in drive gear pushes the driven gear to downward direction.

Is the below figure having self locking capacity or not?



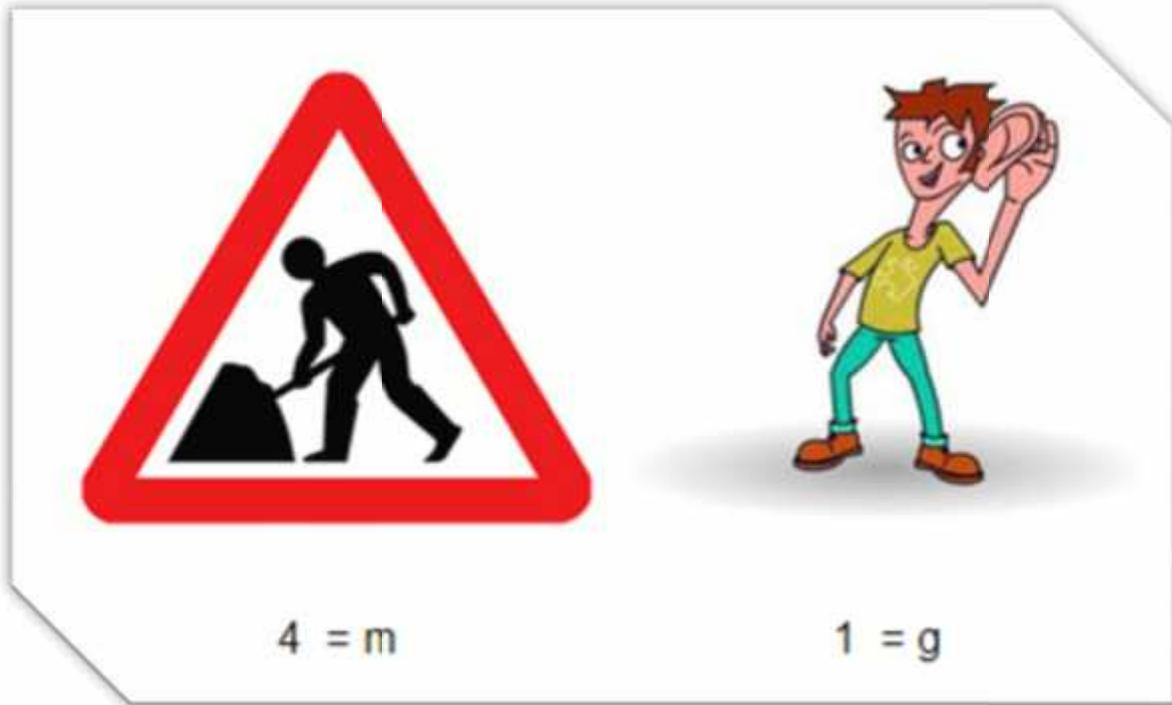
Answer: YES, for that the gear ratio should be gear than $1/45$

What type of gear used in this equipment shown below?



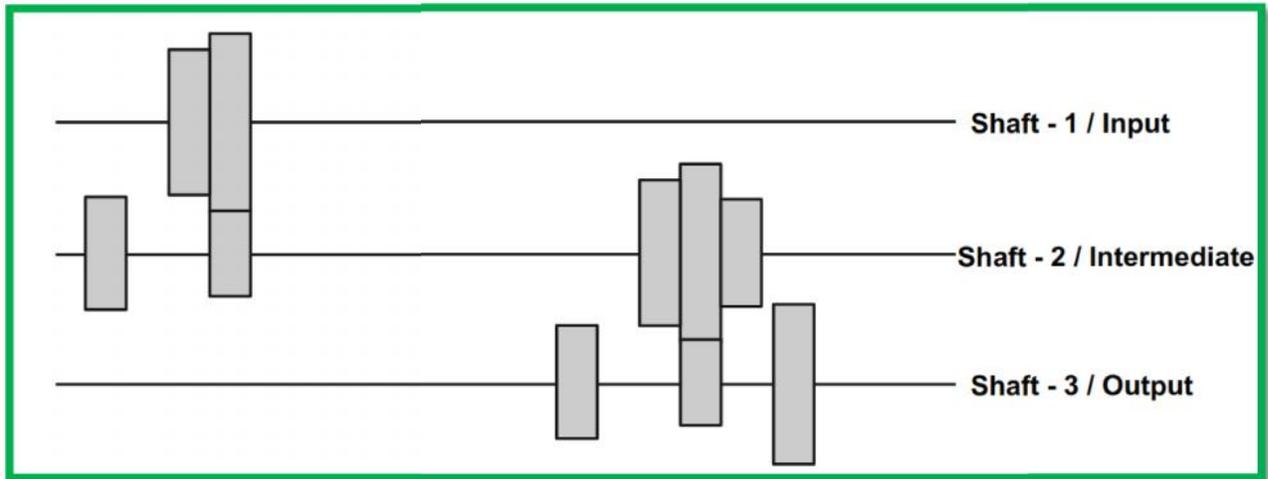
Answer: Worm Gear

What type of gear is this below figure represents?



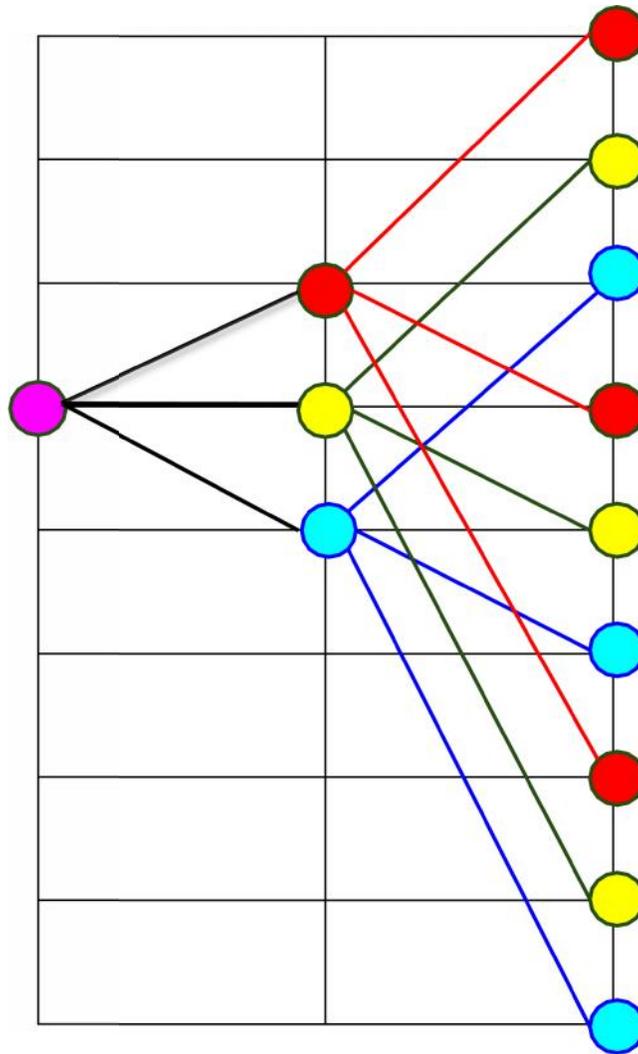
Answer: Worm Gear

Find the missing one in the below 9 speed gear box.....



Answer: Pair of gears in shaft - 1

Spot the mistake >>>>>



Answer: In Stage one input speed is misplaced