Gears

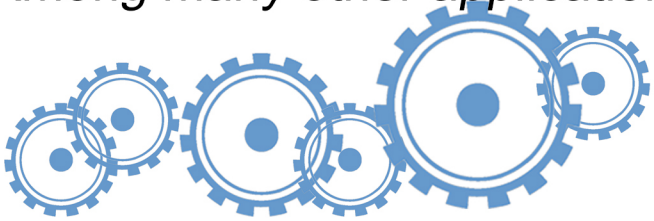
Custom Gears manufactured as per customer's drawings / Samples – Imperial, Circular Pitch, or Metric. Using advanced manufacturing process, we can help you save time, money and provide quality and accuracy all at the same time.

Our products can be manufactured using a variety of materials.

Gears are used in:

- *Machine tool and automation equipment.*
- *Food processing.*
- *Automobile.*
- *Printing and packaging.*
- *Agricultural equipment.*
- *Material handling.*
- *Oil & gas.*

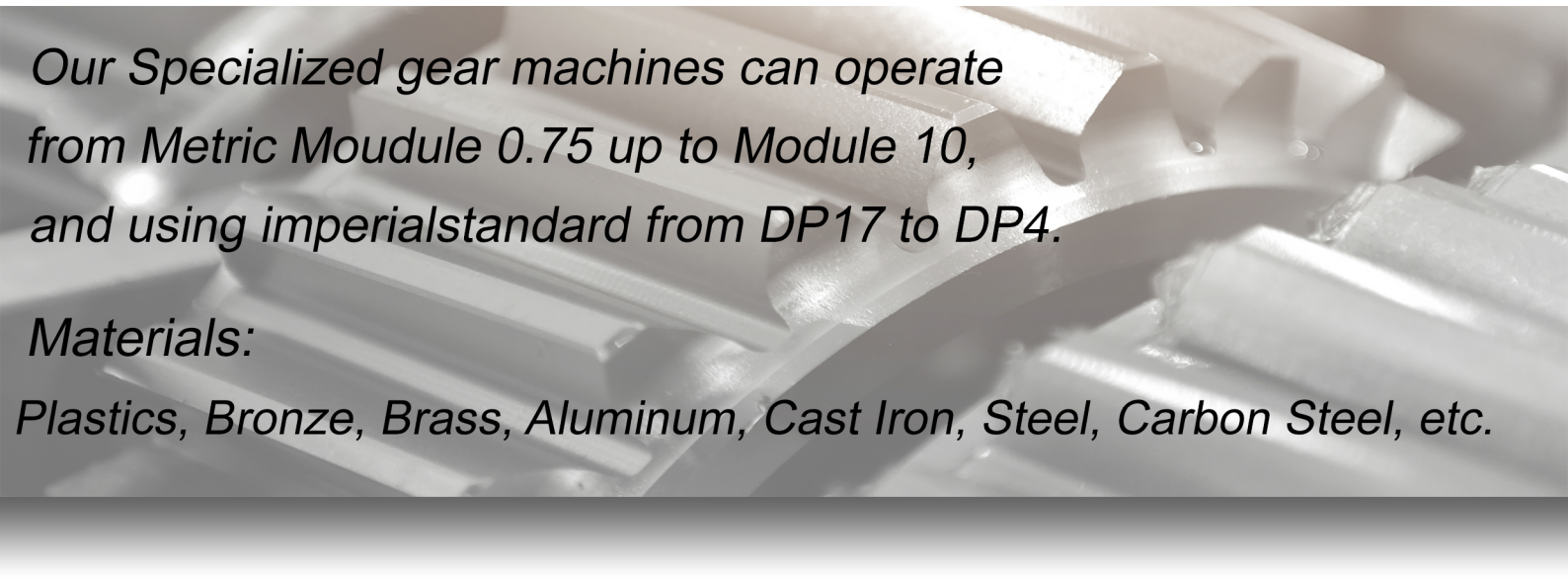
Among many other applications.



Types of gears manufactured per customer specifications include:

- *Worm gears and Shafts.*
- *Helical gears.*
- *Internal shaped gears.*
- *Spur gears.*
- *Spline gears.*
- *Sprocket gears.*
- *Segment gears.*
- *Ring gears.*
- *Pinion shafts.*
- *Stem pinions.*
- *Bevel gears.*
- *Miter gears.*
- *Non Circular gears.*

Gears



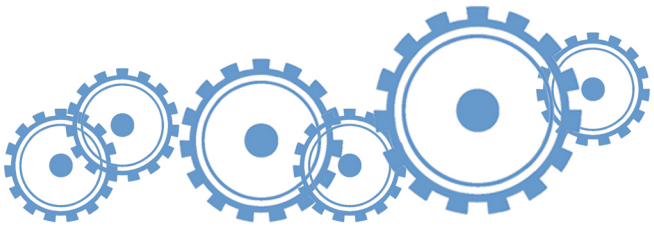
Our Specialized gear machines can operate from Metric Moudule 0.75 up to Module 10, and using imperialstandard from DP17 to DP4.

Materials:

Plastics, Bronze, Brass, Aluminum, Cast Iron, Steel, Carbon Steel, etc.

Capabilities:

- *CNC Turning.*
- *CNC Milling.*
- *Gear Hobbing (DP17 to DP4).*
- *CNC Drilling, Tapping, Countersinking.*
- *Custom Machining.*
- *Grinding.*
- *Gear Shaping.*
- *Broaching.*



Heat Treatment:

We can provide heat treatment of metals to almost any specification or type.

Finishing:

Black oxide, zinc phosphate, bright nickel plating, and other finishing requirements, whether for corrosion resistance or cosmetic purposes, can be provided.

Types of Gears



Worm gears and Shafts.



Pinion shafts.



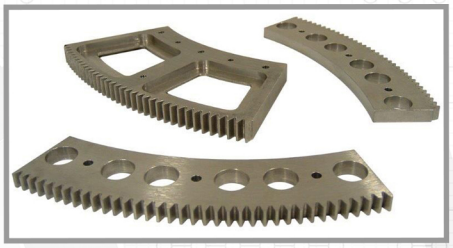
Miter gears.



Helical gears.



Stem pinions.



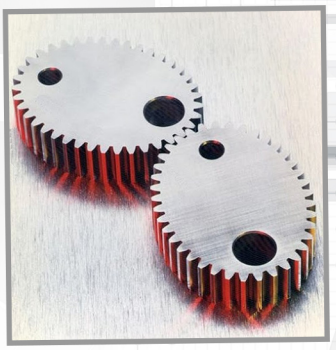
Segment gears.



Internal shaped gears.



Sprocket gears.



Non Circular gears.



Spur gears.



Spline gears.



Ring gears.



Bevel gears.