



# DIVINE GEARS

AN ISO 9001:2015 Certified Company



PRECISION GEAR MANUFACTURER



# DIVINE GEARS

## Company Profile

### ABOUT US

Divine Gears established in the year 2006 by Mr. Amit K. Patel who has experience in this field. his in-depth knowledge along with his organization skills has helped us in attaining a formidable structure in the market. we are a faithful organization to engage in manufacturing and supplying different kinds of gears, gear shaving & gear grinding. in addition to these products, we also manufacture worm gear & helical gear units. the products that we offer are appreciated by our clients because of noiseless operation, easy installation and minimum maintenance cost.

### MANAGEMENT

The company runs under skilful management headed by Mr. Amit Patel (MD) & Mr. Himanshu Patel who has a vast specular proficiency aids to effective and efficient management, and also execution of any customized orders within the time limit. The quality feature of the company is the skilled, qualified and committed employees, who consistently support the commitment of delivering high quality products to meet up to date demand. The combined synergy of the management and the workforce has enabled divine gears to achieve one of the best in the large-scale market.

### INFRASTRUCTURE

The sophisticated infrastructure facility accurately supports our core concern of providing quality products at economical price. Our work shop is fully equipped with high-end machines, precise engineering products and tools for manufacturing gears and assists in maintaining the quality level at par with the leading manufacturers. We always trust in quality and quality has been the prime importance in all stages of manufacturing and assembling of gears and so for that divine gears is now a day a trusted name in gear manufacturing industries.





## GEAR GRINDING

Divine Gears is one of the trusted manufacturer, supplier & exporter of a broad range of spur & helical gears, these gear can be supplied with various material configurations like - CK45/AISI1045, EN19, EN24, SAE 8620, EN 353, 16MnCr5, 20MnCr5 in soft form and in hardened & ground form.

**Size Range :** from  $\varnothing$ 25mm to  $\varnothing$ 400mm, width - 10mm to 160mm.

**Module :** 1.5 to 8.00

These gears are precisely machined on state of art - CNC lathe and VMC machines followed by gear cutting on imported gear hobbing machines or gear shapers followed by full hardening or case hardening depending upon the raw material selection.

After id grinding, hard gears teeth profile is then re - machined or grinded on our imported & precise gear grinding machines to provide noise free and long term operation. the gears are then tested for lead and involutes profile on our lead & profile tester which provide us instant test reports which immediately show the din quality of manufactured gears.



## WORM GEAR & WORM SHAFT

Divine Gears offers wide range of worm shafts & worm gears in phosphor bronze (pb) material, cast iron, stainless steel, aluminium & in alloy steel in both soft and hardened & ground condition with size varies from  $\varnothing$ 20mm- $\varnothing$ 250-mm and length 50mm-800mm & pitch size 1mm-50mm, worm gears and in very wide range from  $\varnothing$ 20mm to  $\varnothing$ 800mm.

**Module :** 0.5 to 10.00

**Application Range :**

Worm reduction gear boxes, printing machinery, textile machinery, steering gear box, general industrial machinery application.



## RACK & PINION

Divine Gears offers wide range of rack & pinions which are widely used in the machine tools, material handling equipment and automobile industries particularly in steering gear boxes. pinion and rack arrangements are provided with involute teeth, both ends of the racks are designed in such a way that several racks can be linked to obtain any desired length.

**Module :** 0.5 to 6.00

**Rack Length :** Max. 1200mm



## SPUR GEARS

Divine Gears is one of the trusted manufacturer, supplier & exporter of a broad range of spur gears. this gears can be supplied with various material configurations like - CK45/AISI1045, EN19, EN24, SAE 8620, EN 353, 16MnCr5, 20MnCr5 in soft form and in hardened & ground from.

**Size Range :** From  $\varnothing$ 15mm to  $\varnothing$ 1600mm, Width - 20mm to 500mm.

These gears are precisely machined on state of art - CNC lathe and VMC machines followed by gear cutting on imported gear hobbing machines or gear shapers followed by full hardening or case hardening depending upon the raw material selection. also available teeth cuttings, shaving and grinding facility.

**Module :** 0.5 to 10.00

**Salient Features :**

- Flawless performance
- Robust in design
- Long working life
- Noise Free with extra load carrying capacity.





## HELICAL GEARS

Divine Gears is one of the trusted manufacturer, supplier & exporter of a broad range of helical gears. these gear can be supplied with various material configurations like - CK45/AISI1045, EN19, EN24, SAE 8620, EN 353, 16MnCr5, 20MnCr5 in soft form and in hardened & ground form.

**Size Range :** from  $\varnothing$ 15mm to  $\varnothing$ 1600mm, width - 20mm to 500mm.

These gears are precisely machined on state of art - CNC lathe and VMC machines followed by gear cutting on imported gear hobbing machines or gear shapers followed by full hardening or case hardening depending upon the raw material selection. also available teeth cuttings, shaving and grinding facility.

**Module :** 0.5 to 10.00

**Application Range :**

Plastic machinery, earth moving equipment, textile industries, sugar industries, rolling mill, food industries, elevator & conveyor, compressor etc.

**Salient Features :**

- Flawless performance
- Robust in design
- Long working life
- Noise free with extra load carrying capacity.



## INTERNAL SPUR GEARS

Divine Gears offer various size range and capabilities for Internal Spur Gears as mentioned below Internal gears have a minimum diameter of 25mm and maximum of 280mm.

**Module :** 0.5 to 5.00

Maximum width of 50mm.



## PINION SHAFT

Divine Gears offers various types of pinions or pinion shaft for various applications like - automobile, speed reduction gear boxes, gear motors, packaging machines, textile machines and printing machines etc. in different material like - CK45/AISI1045, EN19, EN24, SAE 8620, EN 353, 16MnCr5, 20MnCr5 in soft form and in hardened & ground form.

**Size Range :** from  $\varnothing$ 20mm to  $\varnothing$ 630mm, length - 20mm to 500mm

**Module :** 0.5 to 10.00



## RATCHET GEARS

Divine Gears offers various types of ratchet gears

**Outside Diameter :** min. 25mm to max. 300mm

**Pitches :** 2.00mm to 25.00mm

**Face Width :** 5mm - 50mm

Ratchets gear available with hub (one side and both side) as per customer requirement.





## SPLINE SHAFT

Divine Gears offers spline shafts which are extensively used in earth moving equipment, textile machinery, auto parts, starter motor, printing machinery, geared motor, gear oil pump, agriculture machinery, machine tools and many more applications. these are made of alloy steel. Our hobbing capability is: from 10mm to 150 diameters pitch from module 0.5 to 10, and a maximum length of 500 mm. for shaping, we can cut external and internal splines, with a diameter from 15 mm to 250 mm.

**Module:** 0.5 to 5.00

We can cut both involute and straight sided splines. we work in metals like gray cast iron, alloy steel, aluminium and stainless steel.



## CHAIN SPROCKETS

Divine Gears offers chain sprocket including conventional hobbing & climb hobbing. We can produce sprockets with a diameter from 1" to 48" and a pitch from 1/8" to 1.25".

Our range of finishing services ensures the delivery of a precision, ready-to-use product; grinding, hobbing. We can also heat treat sprockets, using flame, nitriding, carburizing, or induction treating. We work with a full range of materials, metal to plastic, from aluminium to alloy steel. Our production shop accepts jobs from prototype and short runs, all the way up to large scale production runs.

Chain Sprockets available with hub (one side and both side) as per customer requirement.



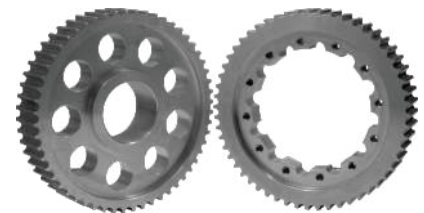
## TIMMING PULLEYS

Divine Gears offers various types of standard as well as non-standard customized type timing pulleys in different shape & sizes. these have grooves to perfectly match the belts and have pulleys.

Manufacturing from superior quality cast iron, M.S., aluminium, alloy steel and bronze.

### Salient features of our Timing Pulleys:

- Lightweight yet durable
- Highly accurate
- Long working life
- Moulded high strength
- High efficiency level



## PLASTIC & NYLON GEARS

Divine Gears offers various types of plastic & nylon gears available with steel hub & without steel hub as per customer requirement.

**Module:** 0.5 to 10.00

**Size:**  $\varnothing$ 20mm -  $\varnothing$ 100mm,

**Width:** 15mm to 200mm.







### SPIRAL & STRAIGHT BEVEL GEARS

The modified helical teeth of spiral bevel gears create dependable, tooth-to-tooth traction that minimizes backlash and prevents the gears from slipping. The gears are carefully spaced to allow lubricants to be spread evenly.

Spiral bevel gears are designed for applications that require high speed and high torque power. They can help cut consumer costs by providing long-lasting performance with minimal need for repairs or replacements. With spiral bevel gears, there is no need for offsets and a significantly reduced risk of overheating. Curved teeth and deeper traction between those teeth ensures greater asset availability to improve flexible performance and extend equipment life.

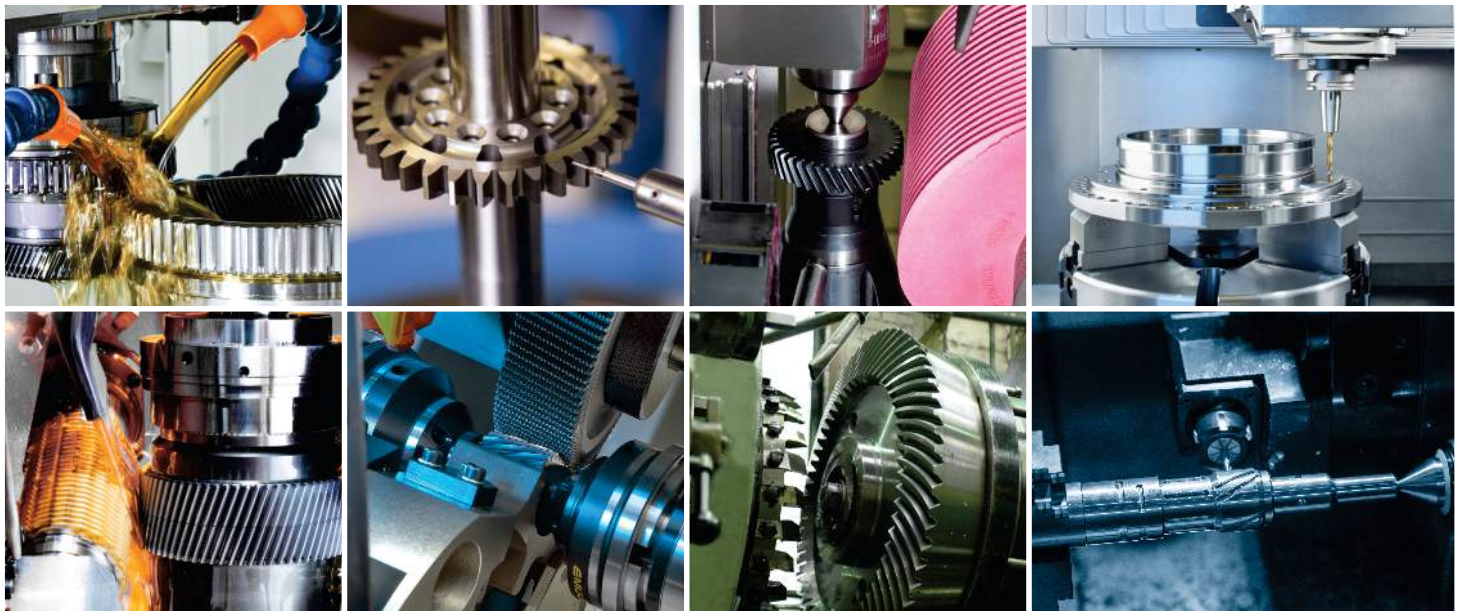
**Module Capacity:** 1 to 12 Module

**Diameter Size:** ø20mm - ø500mm

**Machine make:** Gleason



### MACHINERY, MANUFACTURING & QUALITY CONTROL FACILITY



- Profile Tester
- Gears Grinding
- Gears Shaving
- Spiral Bevel
- Straight Bevel
- Gears Hobbing
- Gears Shaping
- TMC Turn Mill Center
- VMC Vertical Mill Center
- CNC Turning Center
- Gear Deburring
- Gear Rounding





OUR OTHER PRODUCTS





📍 JK Industrial Zone, Gokul - A, Gate No. 5,  
Plot No. 43/44 - 2, Survey No. 245 to 250,  
Nr. Snap Decore, Piplana, Taluko - Kotda Sangani,  
Dist. Rajkot - 360024. (Gujarat)

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