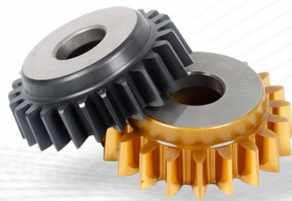
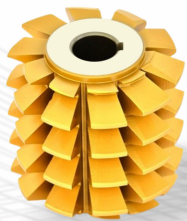




SHINE ENGINEERS



COMPANY PROFILE

SHINE ENGINEERS manufacture all type of Gear Shaper Cutter, Gear Hob Cutter, Gear Shaving Cutters and Broaches from Imported Material such as Powmax and Bohler in M-2, M-35 and M-42. While manufacturing all the cutters are checked properly step-by-step from Raw Material to Finish Goods. Designing of all the Profiles are done on the AUTOCAD for the betterment of our tools to perform well. Currently, SHINE ENGINEERS is supplying to leading manufacturers of Auto parts, Agriculture related parts, OEM's and Export to many parts of the World by offering the best Quality, Accuracy and On-Time delivery as well.

Our Quality Policy: SHINE ENGINEERS always aid you to reduce the cost of their components by delivering long life of the Cutting tools



9001:2015 Certified Co.



Quality, which speaks itself

MFRS.: ALL TYPE OF GEAR CUTTING TOOLS

📍 C-76, Focal Point, Patiala (Pb.)

☎ +91 98140 11679

✉ shinenggco@gmail.com

GEAR HOBS

Shine Engineers Manufacture **Gear Hobs** in HSS M2, M35, M42, ASP 2030 material. Gear Hobs for Spur and Helical Gears in single start and multistart threads can be Supplied in Class 'A', 'AA', B & C. accuracies conforming to DIN 3968 standard with pitches ranging from 0.5 to 25 Module or equivalent D.P.'s in various pressure angles.



Technical Specification

Module (DP) Range	: 0.5 – 30 Mod. (DP 50 – 0.85)
Diameter Range	: 20 – 300 mm
Accuracy	: Certified class AA, A as per DIN 3968.
Materials	: M-2, M-35, M-42 & ASP2030
Coatings	: Gold (TiN) / Futura Nano (TiAlN) / Alcrona (AlCrN)

GEAR SHAPER



Shine Engineers manufacture **Gear Shaping Cutters** in Module, DP and CP series. Spur as well as Helical Shaper Cutters can be supplied in Disc, Hub and Shank Type Varieties. Generally, material is used in M-2, M-35, M-42 & ASP2030 and accuracies are as per DIN-1829 Standard Class 'AA' and Class 'A'. These shapers are available in disc, shank, hub, extended back boss (EBB) type, etc. Cutters can be supplied with various profile features such as semi-topping, protuberance, topping, tip-relief, etc. as per customer requirement.

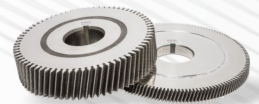


Technical Specification:

Module (DP) Range	: 0.5 – 16 Mod. (DP 50 – 1.5)
Diameter Range	: 10 – 250 mm
Accuracy	: class AA, A as per DIN 1829.
Materials	: M-2, M-35, M-42 & ASP2030
Coatings	: Gold (TiN) / Futura Nano (TiAlN) / Alcrona (AlCrN)

SHAVING CUTTERS

Shine Engineers manufacture **Gear Shaving Cutters** designed to meet the specific finishing requirement of work gears. Therefore, complete details are required to design and manufacture shaving cutters. All Shaving Cutters supplied with Proper Inspection. **Shine Engineers** Manufactures Gear Shaving Cutters such as conventional, diagonal, underpass, and plunge cut with a wide range of sizes according to the customer's requirement.



Technical Specification

Range	: 1.25 to 8 Module
Material	: M2/M35/ASP 2030
Thickness	: up to 65 mm
PCD	: 100 to 250mm
Profiles	: Tip Relief or Root or both, 'K' profile, lead crowning, or any customized profile.



BROACH

Shine Engineers is specialized with a full-fledged COMPUTER AIDED DESIGN, Development and Manufacturing of Typical and Form Broaches such as Pull & Push type as per Keyway, Internal Form, Spline (Straight or Involute), Serration Broach, Surface Broach, Round Broach and Chamfering Broaches in single operation & multi passes as per Customer specifications.

Technical Specification

Major Diameter	: 8 mm - 150 mm
Module	: 0.5 Module - 8 Module
Diameter Pitch (DP)	: 8 DP - 40 DP
Pressure Angle (PA)	: 14.5°, 20°, 25°, 30°, 37.5°, 45°, PA or as per customer Drawing.
Number of Splines	: As per customer Drawing.
Job Length	: As per customer Drawing.
Maximum Broach Length	: 1600 mm

