



# Global Jaya Teknik : The Advantage Product Series

## Gear Cutter, Gear Hobbing, Broaching, Slitting Saw, Blades

### GEAR HOBS - OUR VARIETIES; BASIC PARAMETERS

INVOLUTE GEAR HOBS

TIMING PULLEY HOBS

WORM WHEEL HOBS

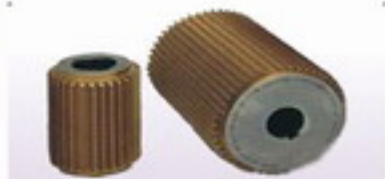
SPROCKET HOBS

SPLINE HOBS

SERRATION HOBS

<b>Range</b>	0.25 module to 35 module & 64 DP to 0.8 DP
<b>Forms</b>	Non-Topping, Semi-Topping, Topping, finishing, pre-shaving, pre-grinding, with or without protuberance, full fillet etc.
<b>Start</b>	Single or Multi Start
<b>Accuracy</b>	AA, A, B & C (as per DIN 3968 or equivalent AGMA, JIS standard) with all standard & non-standard profiles
<b>Material</b>	M2, M35, ASP 2030, ASP 2060 etc.

**Involute Gear Hobs** are for generating gears of maximum accuracy. They are normally specified for processes, where no subsequent tooth finishing operations are required, or where improved accuracy before tooth shaving operations is required.



**Involute Straight**

**spline spline**

**hobs hobs**

Involute Spline hobs have a stud tooth depth for cutting all types of standard and non-standard involute splines whereas Straight Spline Hobs are used for cutting parallel splines & are manufactured in single or multi start design with pressure angles 20°, 30°, 37.5° & 45°.



**Sprocket Hobs** : Are used to cut roller chain sprockets with in the range from 1/4" to 3" pitch or 5mm to 76mm pitch in DIN, BS, JIS, ASA standards. These are also manufactured in single or multi start as per various sprocket request



**Worm wheel Hobs** are generally designed for plunge cutting. These hobs are a part of specific tools that match the worm shaft with sharpening allowance. Hobs are manufactured in shell or shank type. Single & multi start ground worm wheel hobs can be had on request.



**Timing pulleys hobs** with Straight Sided or Involute Teeth for Rubber Timing Belt Pulleys, Polyurethane Metric Timing Belt Pulleys, HTD and STD Profiles



**Serration hobs** are generally designed to cut the serrations as per the job. These special hobs generate the correct tooth form at one level, so the accuracy has to be high.

