



Global Jaya Teknik : The Advantage Product Series

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

GEAR SHAPER CUTTER

BASIC PARAMETERS

Module	0.50 to 20.00
Pressure Angle	14°30' to 30°
Accuracy	Class "AA" & "A" as per DIN, BS, ASA standards specification
Special Features	Chamfering, semi-topping, protuberance, flat or fillet roots
Spur & Helical	With all standard & non-standard profiles
Material	M2, M35, ASP 2030, ASP 2060 etc.



These shaper cutters have a disc shaped which have the general ability to give roughing or finish form to cut spur, helical & spline gear.

DISC TYPE GEAR SHAPER CUTTER



This type of cutter is used to cut internal gears of small diameter and spline holes. They can also be designed for external gears depending on the job.

SHANK TYPE GEAR SHAPER CUTTER



SHANK TYPE GEAR SHAPER CUTTER

These cutters can be used for roughing & finishing external gears where it is not feasible to use external disc type cutters



GEAR SHAVING CUTTER

Range	1.00 - 10.00 Module
Type	Conventional, Diagonal, Underpass & Plunge Cut
Profiles	Standard Involute, Tip Relief, Profile & Lead Crowning
PCD	150mm to 260mm
Material	M2, M35, ASP 2030, ASP 2060 etc.

These HSS cutters are supplied in conventional type, diagonal, plunge cut with a wide range of sizes according to the customer requirement.

Cutters are designed with profiles to incorporate them with tip relief, depth crowning, lead crowning etc., on component. Shaving Cutters are mainly used for gear shaving in the automobile industry in large batch production, especially used in CNC high speed shaving machines



RACK CUTTER

Rack type cutters are produced for the Sunderland and Maag & gear planing machines for both spur and helical gears from 1 module - 30 module ranging from single tooth to multi tooth depending upon client requirement. Available in HSS M2, ASP 2030 & ASP 2023 material



CHAMFERING & DEBURRING CUTTERS

Gear Chamfering Cutters are used for gear chamfering and deburring in the automobile industry. The cutters can deburring both sides of the gear at the same time.

We can supply the cutters according to request. These are held against the sides of faces of the gear.

The variation in the width of blank is taken by spring loaded blades. Deburring cutters remove burrs neatly. These are re-sharpenable and give long life.

