

ESKAY TOOL industries



Manufacturer Of Hob Cutters, Milling Cutters & Gear Shaper Cutters



www.eskaytool.com

Eskay tool industries was established in 2001 to cater to the needs of a wide spectrum of industry segments with its premium quality products. We are today an eminent manufacturer and exporter of all types of H.S.S. Cutting Tools. This varied expertise has given us the cutting edge in finding innovative solutions to the demanding tasks in the products development. Our Specialists have handled diverse consignments across the country and worldwide in varied industrial conditions.

OUR VISION

It is a long established fact that ESKAY TOOL INDUSTRIES was introduced to provide a better quality of Broaches, Milling Cutter, Gear Shapers, Hobs and other cutting tools that will lead the cutting industries in India. Our vision is to represent our cutting industries on the international level without compromising the quality of our products as it is one of our primary ethics.

QUALITY POLICY

Our Quality Policy starts and ends with the client as a focal point - understanding the client's requirements, developing optimal solutions to meet those requirements, building processes in place to ensure that quality is present at every stage, and achieving our commitments on delivery and service, before and after selling our products.

- * Premium quality
- * On-time delivery
- * Cost effective solutions
- * A team of highly qualified engineers
- * Sound infrastructural facility

We SUPPORT



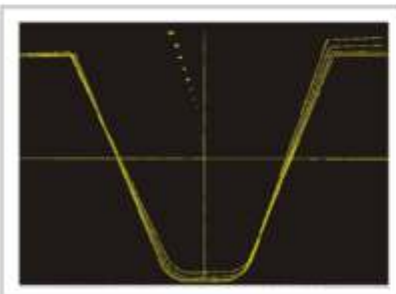
||| HEAT TREATMENT

Our Industry is fully equipped with Heat Treatment Plant with automatic radiation type heat controller imported from U.S.A. Tools are regularly checked for its hardness, microstructure, grain size and carbide distributions to import best cutting efficiency.



||| INSPECTION

We have a complete team of quality control for inspection of the tools at every stage ensures complete accuracy at the final stage. Tools are inspected as per drawing and international standard DIN, BS & JIS and are supplied along with test certificate.



||| DESIGNING

We are capable to design our tools as per component drawings or component samples with the use of modern computer aided designing which provide fast & accurate simulation of all the tools produced. We are using latest software for reverse generation of Gear & Spline profiles to ensure the accurate hob profile dimension.



||| BROACHES

Broaches are made to cut key slots inside the bore of the component.

- * PUSH and PULL type
- * Materials: M2 and M35
- * With or without chamber



||| ROUND BORE FINISHING

Round Bore Finishing Broaches are made to finish the bore of component.

- * PUSH and PULL type
- * Materials: M2 and M35



||| ROUND SPLINE BROACHES

Round Spline Broaches are made to cut the different types of internal splines

- * PUSH and PULL type
- * Materials: M2 and M35
- * With or without chamber
- * Combination and non combination
- * Splines:- Involute parallel and trapezoidal
- * Serrations
- * Hexagonal, square and rectangular

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GEAR SHAPERS



||| HUB TYPE GEAR SHAPER CUTTERS

Hub Type Gear Shaper Cutters are made for cutting internal gear, external gears, splines, chain sprockets and timing pulleys

- *Range from 0.50 MOD to 20 MOD
- *PCD : from 15 to 200 mm
- *Profiles like semi topping, pre shaving and other special profiles
- *Accuracy class "AA" and "A" as DIN 1829
- *Material M2 , M35, ASP 2030 and ASP 2052
- *All types of coatings as per requirement



||| DISC TYPE GEAR SHAPER CUTTERS

Disc type gear shaper cutters are made for cutting internal gear, external gears , splines, chaines, sprockets and timing pulley.

- *Range from 0.50 MOD to 20 MOD
- *PCD : from 15 to 200 mm
- *Profiles like semi topping, pre shaving and other special profiles
- *Accuracy class "AA" and "A" as DIN 1829
- *Material M2 , M35, ASP 2030 and ASP 2052
- *All types of coatings as per requirement



||| SHANK TYPE SHAPER CUTTERS

Shank Type Shaper Cutters are made for intrernal and external gears and internal \ and external involute splines

- *Range from 0.50 MOD to 20 MOD
- *PCD : from 15 to 200 mm
- *Profiles like semi topping, pre shaving and other special profiles
- *Accuracy class "AA" and "A" as DIN 1829
- *Material M2 , M35, ASP 2030 and ASP 2052
- *All types of coatings as per requirement



III INVOLUTE GEAR

Involute Gear Cutters are manufactured in a set of 8 different forms numbered 1 to 8 as per BS & IS standards. These are also available in generated profiles for any number of teeth or as per customer's requirements
Module - i to 55Dia. 25 to 415Bore -8 to 80mm.
DP - 30 to 1/2Dia. 7" to 16"Bore 1/2" to 3"



III PROFILE SHARPENED

Form Relieved Cutters are those which are relieved by grinding only the faces of the teeth, the original form is mentioned throughout the life of the cutters. The relieved surfaces may be Ground or Ungrounded. (E.g. Serration cutters for Hacksaw and Band saw blades, Convex and Concave cutters and Special profile cutters). These are available in Class "A" B & C



III FORM RELIEVED CUTTERS

Form Relieved Cutters are those which are relieved by grinding only the faces of the teeth, the original form is mentioned throughout the life of the cutters. The relieved surfaces may be Ground or Ungrounded. (E.g. Serration cutters for Hacksaw and Band saw blades, Convex and Concave cutters and Special profile cutters). These are available in Class "A" B & C



III CHAIN SPROCKET CUTTERS

Chain Sprocket Cutters are manufactured in a set of 3 different forms numbered 1 to 3 as per DIN, BS & ASA standards. These are also specially designed as per customer's requirements.



III SERRATION CUTTERS

We Manufacture a wide range of high grade Serration Cutters including band saw and Hacksaw Blade Cutters, Fine pitch rack and Thread Cutters which is well appreciated in the Market for quality and accuracy.

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HOBS



|| CHAIN SPROCKET HOBS

Chain Sprocket Hobs are used for chain sprocket tooth forms Non-topping, Topping in Single or Multi start as per BS, JIS, DIN, ASA standard. These are available in class "A", B & C.



|| INVOLUTE GEAR HOBS

Involute Gear Hobs are used for Generating gear of maximum accuracy manufactured in finishing, pre grinding ,pre shaving , with or without protuberance in topping, non topping and semi topping profiles .



|| INVOLUTE SPLINE HOBS

Involute Spline Hobs are used for cutting all types of standard and non-standard Involute Splines as per DIN 5480,5481 &5482 with or without shoulder clearances in Single and Multi start.These are available in class "AA", "A", B & C



|| STRAIGHT SIDED SPLINE HOBS

Straight Sided Spline Hobs are used for cutting parallel splines and manufactured with or without lugs, Topping, Non-topping,Semi-topping&shoulder clearance types in Class "A",B &C.



|| WORM GEAR HOBS

Worm Gear Hobs are manufactured in Shank type &Bore type in single or Multi start, Topping, Non-topping, as per DIN,BS specification or as per customer requirement and worm shaft samples. These are available in class "A", B & C.

Eskay Tool Industries

(AN ISO 9001 : 2015 Certified co.)

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