

The only place to fulfill your appetite for Quality Tools

**Maxwell Tools
Company**

CEO:Mr.Rajiv Gupta

MAXWELL

MAXWELL TOOLS COMPANY

ISO 9001:2008 Certified

Main Office:-3, Industrial Estate, Rajpura-140401, Punjab, India

Mfrs of Milling Cutters; Gear Cutters; Gear Hobs; Gear Shapers; Broaches.

MAXWELL *TOOLS COMPANY*





PRODUCT CODE: MXIGH 01

INVOLUTE GEAR HOBS:

Involute Gear Hobs for generating gears of maximum accuracy, manufactured in finishing, pre-shaving with or without protuberance and semi topping profiles. These are supplied in single or multi-starts in class 'AA' , 'A' & 'B'.



PRODUCT CODE: MXISH 02

INVOLUTE SPLINE HOBS:

Involute Spline Hobs for cutting all types of standard and non-standard involute splines as per DIN 5480, 5481 & 5482. These are manufactured in pressure angles 20°, 30°, 37.5° & 45° with or without shoulder clearances in single or multi-start designs.



PRODUCT CODE:MXSSH 03

STRAIGHT SPLINE HOBS:

Straight Spline Hobs are used for cutting parallel splines. These are manufactured with or without lugs, semi-topping and shoulder clearance types in Class 'AA' & 'A'.



PRODUCT CODE: MXSH 04

SPROCKET HOBS:

Sprocket Hobs are manufactured for chain sprocket tooth forms as per BS, JIS, DIN, ASA standards with non-topping or full-topping types in single or multi-start designs.

WHILE ORDERING GEAR HOBS; PLEASE MENTION THE BASIC PARAMETERS:

Range: 0.1 Module to 40 Module and 64 DP to 0.8 DP

Start: Single or Multi Start ; **Accuracy:** AA, A, B & C (as per Standard)

Forms: Non-Topping, Semi-Topping, Topping, finishing, pre-shaving, pre-grinding, with or without protuberance, full fillet etc.

Material: M-2, M35, ASP 30 etc



PRODUCT CODE: MXWWH 05

WORM WHEEL HOBS:

Worm Wheel Hobs are manufactured in bore type and shank type in single or multi-start, topping or non-topping as per DIN, BS specifications or as per customer's requirement.



PRODUCT CODE: MXCH06

CHAMFER HOBS:

Chamfer Hobs are generally used for chamfering of entering end of ring gears. These are available in various types as per drawing of components.

GEAR MILLING CUTTERS:



PRODUCT CODE: MXIGC 07

INVOLUTE GEAR CUTTERS:

-DP and Module series in the range 0.3 Module to 55 Module & 64 DP to 0.5 DP.

-SPLINE MILLING CUTTERS- SPROCKET MILLING CUTTERS

Form Relieved Milling Cutters for involute and special forms.



PRODUCT CODE: MXIGCR 08

INVOLUTE GEAR CUTTER FOR ROUGHING

-DP and Module series in the range 0.3 Module to 55 Module & 64 DP to 0.5 DP.

VARIOUS TYPES OF PVD COATINGS ARE AVAILABLE TO INCREASE THE LIFE OF TOOLS.

WE OFFER TOOLS WITH TIN COATING OR SPECIAL COATING AS PER CUSTOMER REQUIREMENT.



PRODUCT CODE:MXIGCS 09

Involute Gear Cutter Stepped up type:

DP and Module series in the range 0.3 Module to 55 Module and 64 DP to 0.5 DP



PRODUC CODE:MXB 10

BROACHES are made to suit component specifications, customer's machine and holder details.

Different internal profiles are undertaken for manufacture :

- *Splines - involute, parallel and trapezoidal
- *Serrations ,Round,Hexagonal,Rectangular,Ratchet .We are fully equipped to manufacture both standard and special Broaches in either push or pull styles, including all types of round broaches, spline broaches, keyway broaches, internal hole, and surface broaches.



PRODUCT CODE: MXKB 11

KEYWAY BROACHES:

Broaches are made to suit component specifications, customer's machine and holder details.

Equipped to manufacture and supply Surface Broaches for plain and curved profiles.

Different keyway profiles are undertaken for manufacture



PRODUCT CODE:MXPPC 12

Paper Cutting Blades :

Cost effective and durable. The paper cutters that we develop are used in paper industries. These are extensively used for giving shapes to cigarette paper, tissue paper thread cones.

We at Maxwell are committed to produce Gear Cutting Tools with consistent quality at competitive prices and on time delivery schedule. Behind this all; lays Maxwell's commitment supported by skill; experience and ability along with state of art production machinery; computerized quality control and latest CAD technology.



PRODUCT CODE:MXSFC 13

SIDE AND FACE CUTTERS:

Side Milling Cutters are supplied in straight and staggered tooth form for light and heavy deep slot operations in steel and in most soft materials.



PRODUCT CODE: MXSEM 14

SHELL END MILLS:

The cutters are used for face and slab milling in all types of materials. Furnished with 30° Helix right or left hand cut in High Speed Steel.



PRODUCT CODE:MXGSC 15

GEAR SHAVING CUTTER

Types: Conventional, diagonal & underpass.

RANGE: 0.8-8 Module and 30-3 DP

170 mm to 260 mm PCD.

MATERIAL: M2, M35, ASP 30



PRODUCT CODE: MXSAC16

SINGLE ANGLE CUTTERS:

These are designed for chamfering or beveling parts and are manufactured in Single Right and Left Angle in 45° & 60°. Double Equal Angle Cutters are generally used for milling threads, V-grooves, serrations, and other angular surfaces. Double Angle are generally supplied in 45°, 60°, & 90° Included Angle.

Maxwell will do the best for you, with the qualified and dedicated staff associated with testing equipment at every stage of manufacturing.



PRODUCT CODE:MXCC 17

CONVEX CUTTERS:

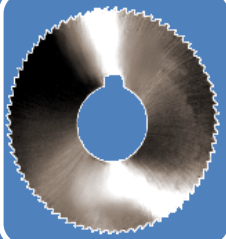
These High Speed Steel cutters are form-relieved for milling concave half circles in all types of materials.



PRODUCT CODE: MXCXC 18

CONCAVE CUTTERS:

These High Speed Steel cutters are form-relieved for milling convex half circles in all types of materials.



PRODUCT CODE: MXMSS 19

METAL SLITTING SAWS:

HSS Slitting saws are used for General slotting and sawing applications. Coarse Pitch and Fine Pitch cutters are supplied in Plain tooth, staggered tooth form to give chip clearance.



PRODUCT CODE: MXSCA 20

SCALPING CUTTERS:

Scalping cutters are manufactured from 6" dia to 8" dia and length 16" to 20" in light and heavy duty, these are used for scalping copper and brass strips .

Maxwell Scalping Cutters/Slab Milling Cutters is one of the hottest selling and most appreciated product in Copper and Brass Industry.

Product Code: MXR 21



Parallel Shank Hand Reamers are normally supplied with straight flutes or Helical Flutes for general purpose thru hole reaming.

Material: HSS M-2, M-35, HSS Co8e As per DIN / BS and ISO standards

Machine Reamers: These are used for machine-reaming 'through' holes. STRAIGHT / SPIRAL FLUTED available

Chucking Reamers are used for machine-reaming 'through' & most 'blind' holes. STRAIGHT / SPIRAL FLUTED available

Product Code: MXEM 22

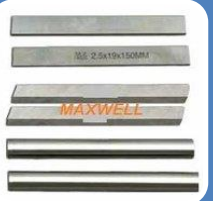


Parallel and Taper Shank Endmills: Available with Threaded and Flatted shank in standard regular length series and long series. Flutes: 2/3/4/6

Rougher Endmills are used for heavy machining operations where maximum stock removal at high feed rates is required. Available with Threaded and Flatted shank in standard regular length series and long series.

Ball Nose Endmills are available with Threaded and Flatted shank in standard regular length series and long series.

Product Code: MXTB 23



HSS Tool Bit in standard and customized configurations are manufactured.

Following Tool Bits are available:

HSS Square Tool Bit ; HSS Rectangular Tool Bit

HSS Round Tool Bit ; HSS Parting Off Blade

HSS Lathe Turning Tools

Product Code: MXSK24



Slitter Knives/Metal Slitters:

Application: Used for slitting and trimming mild steel; stainless steel; brass; aluminium and copper.; Material: HSS ;D2;D3

Precision Cutting Tools are manufactured with thickness tolerance: 0.005 mm; Flatness: 0.001mm depending on OD and thickness. manufactured upto 225mm OD with optimum hardness.

Slitting Cutters are manufactured from Tool steel and alloy steel according to the application requirement. Precise Lapping Machines have enabled us to maintain the Flatness and Thickness Tolerances depending upon OD and thickness. Closer tolerances and special surface finishes are also possible. Fine Microstructure of the knife which enhances its life is due to in house deep cryogenic treatment.



When ordering special cutters; detailed drawing of the part to be cut should be furnished.

Customer Data:

Company Name:

Request by (Name):

Tel:

Fax:

Email:

CUTTER DATA:

Tool Drawing No:

Type of Cutter Requested:

Diameter:

Hole Size:

Keyway:

No. Of teeth:

Material: HSS M2; HSS M35; HSS M42; ASP 30; ASP60; REX 54; REX 45; REX 76

Coating: TiN; TiCN; TiAlN

No. of Pieces:

Remarks:

Please send the above mentioned details by sending mail at following Email Ids:

info@maxwelltools.com

reply@maxwelltools.com