SUPER CAPITAL TOOLS

Manufacturers & Exporters of Gear Hobs, Milling Cutters, Scalping Cutters.

D-101, Focal Point, Patiala - 147003, (Punjab) India.

WWW.SUPERCAPITALTOOLS.COM
Range of Products

GEAR HOBS

Diameter: UPTO 340 MM

Machine Relieved & Ground Form Gear Hobs are supplied to cover the Range of 64 DP to .7 DP or 0.5 Module to 36 Module conforming to DIN 3968, BS 2062 part 1. Special profile Hobs with protuberance, Topping, Semi Topping pre-shaving, pre-grinding are also being supplied on request.

CHAIN SPROCKET HOB

Sprocket Hobs, these are usually supplied in un-ground form to cut roller chain Sprocket to DIN, American Standards with the Range from 1/4" to 3" pitch or 5 mm to 76.2 mm. Hobs to cut Spiral Profile Sprockets can also be supplied on request.

HSS SHANK TYPE (WORM GEAR) HOB

Manufactured generally to Customers Drawings and specifications in Topping and Non-Topping Forms Shank (worm Gear) Hobs can be supplied in Machine Relieved as well as in Ground Relieved Forms. These Cutters can be supplied in Single Start and Multistart Pitches as per requirements of the user.

END MILL GEAR CUTTERS

These End Mill Cutters required to cut double Helical Gears upto 30° angle.
Range: 8 Module to 40 Module
.635 DP to 3 DP
CHAIN SPROCKET CUTTER

In Machine Relieved Forms with the Range from 1/4" to 5" pitch conforming to DIN, BS and American Standards. As per BS set of 3 Cutters will cut all the Teeth on the Sprocket Wheel.

SPLINE CUTTER

These Cutters are furnished for Involute and Parallel Key Splines, Involute and Straight Sided Serrations. For special Spline Cutters, the Drawings of the components should be supplied.

GEAR SHAPER CUTTER

SCT 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. Material used is generally AISI M35 Grade and accuracies are as per DIN-1829 Standard Class ‘AA’ and Class ‘A’.

Profile modifications including Chamfer, Semi-Topping, Topping, Protuberance, Flat or Fillet Root can be provided.

CONVEX CUTTER

As per ISS
Diameter: 50 mm to 125 mm
Width: 3.2 mm to 40 mm
Radius of circle: 1.6 mm to 20 mm

As per BSS
Diameter: 2.1/4" to 4.1/4"
Width: 1/8" to 1.1/2"
Diameter of Circle: 1/8" to 1.1/2"
Maximum length of the cutter (including shank) that can be had is 400mm.

INVOLUTE GEAR CUTTER

Involute Gear Cutters are supplied to cut any Number of Teeth in Gears from 1 Module to 55 Module and from .5 DP to 50 DP conforming to BS 2518, IS 5698 in a set of 8 Numbers and as per generated Profile. Maximum length of the cutter (including shank) that can be had is 400mm.
**TAP FLUTTING CUTTER**

From No. 1 to 8
To Cut Tap Flutes 1/8" to 2"

**CORNER ROUNDED CUTTER**

Single & Double Corner Rounding

*As per ISS*
Diameter: 56 mm to 110 mm
Corner Radius: 1.5 mm to 20 mm
Width: 4 mm to 35 mm

*As per BSS*
Diameter: 2.1/4" to 3.3/4"
Corner Radius: 1/16" to 1.1/8"

**CONCAVE CUTTER**

*As per ISS*
Diameter: 56 mm to 125 mm
Width: 8 mm to 70 mm
Radius of circle: 1.5 mm to 20 mm

*As per BSS*
Diameter: 2.1/4" to 4.1/4"
Width: 5/16" to 2.1/2"
Dia of circle: 1/8" to 1.1/2"

**SIDE & FACE CUTTER: PLAIN TEETH**

*As per ISS*
Diameter: 50 mm to 200 mm
Width: 5 mm to 32 mm

*As per BSS*
Diameter: 2.1/2" to 8"
SIDE & FACE CUTTER : STAGGERED TEETH
In Machine Relieved Forms with the Range from 1/4” to 5” pitch conforming to DIN, BS and American Standards. As per BS set of 3 Cutters will cut all the Teeth on the Sprocket Wheel.

SLOTTING CUTTER
As per ISS(Key way milling cutters)
Diameter: 50 mm to 200 mm
Width: 5 mm to 32 mm
As per BSS
Diameter: 2.1/2” to 8”
Width: 1/4” to 1”

SINGLE ANGLE CUTTER
As per ISS
Diameter: 50 mm to 100 mm
Angle: 45º, 60º, 65º, 70º, 75º, 80º & 85º
Width: 12 mm to 36 mm
As per BSS
Diameter: 2.3/4” to 3”
Angle: 30º, 40º, 45º, 50º, 60º, 70º & 80º
Width: 5/16” to 5/8”

DOUBLE EQUAL ANGLE CUTTER
As per ISS
Diameter: 50 mm to 100 mm
Angle: 45º, 60º & 90º
Width: 10 mm to 28 mm
As per BSS
Diameter: 2.3/4” & 3”
Angle: 30º, 40º, 45º, 60º & 90º
Width: 5/16” to 5/8”
DOUBLE UNEQUAL ANGLE CUTTER

As per ISS
Diameter: 50 mm to 100 mm
Angle: 12°x 55°/15°x 60°
: 15°x 65°/15°x 70°
: 15°x 75°/15°x 80°
: 20°x 90°/25°x 100°
Width: 12 mm to 36 mm

As per BSS:
Diameter: 2.3/4" to 3"
Angle: 12°x 48°/12°x 63°
: 12°x 53°/12°x 68°
: 12°x 58°/12°x 73°
Width: 5/8" to 3/4"

SHELL END MILL CUTTER

As per ISS
Diameter: 40 mm to 160 mm
Width: 32 mm to 68 mm

As per BSS
Diameter: 1.1/4" to 6"
Length: 1" to 2.1/4"

CYLINDRICAL CUTTER

Diameter: 6" to 8"
Length: 16" to 22"
These cutters are used to scalping copper & brass strips. Material used is High Speed Steel Imported (M-2/M-35) grade.

SCALPING CUTTER

Diameter: 6" to 8"
Length: 16" to 22"
These cutters are used to scalping copper & brass strips. Material used is High Speed Steel Imported (M-2/M-35) grade.
SCREW SLOTTING CUTTER
As per BSS
Diameter: 2, 1/4", 2 3/4", 3"
Width: 020" to .187"

METAL SLITTING SAW
As per ISS
Diameter: 50 mm to 250 mm
Width: 1 mm to 8 mm
As per BSS
Diameter: 2" to 10"
Width: 1/6" to 1/4"

REAMERS
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

END MILL CUTTERS
Available with Threaded and Flatted shank in standard regular length series and long series.
Flutes: 2/3/4/6
Material: HSS M-2, M-35, HSS Co8e
As per DIN / BS and ISO standards
SUPER CAPITAL TOOLS

Manufacturers & Exporters of Gear Hobs, Milling Cutters, Scalping Cutters.

D-101, Focal Point, Patiala - 147003, (Punjab) India.

Phone : +91-175-2232064
Mobile : +91-98888 13651
         +91-98155 03651

Fax : +91-175-2232065

Email : info@supercapitaltools.com,
        supercapitaltools@gmail.com