

MAARK TOOLS INDIA

ENGINEERED PRECISION INDUSTRIAL KNIVES & CUTTING TOOLS

PRODUCT & CAPABILITY CATALOG

Maark Tools India is a premier manufacturer specializing in ultra-precision machine knives, slitting cutters, shearing blades, and recycling components. Engineered with advanced heat treatment and high-grade alloy steels, our tools ensure extended service life, reduced downtime, and maximum cutting efficiency for global industrial applications.

MAARK
TOOLS INDIA

Precision | Performance | Progress

ENGINEERED FOR EXTREME PRECISION & DURABILITY

High-Quality Industrial Blades

- ✓ Precision-Engineered Cutting Solutions
- ✓ High Wear Resistance & Long Service Life
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- ✓ Custom & Standard Sizes Available
- ✓ Trusted Quality for Heavy Industrial Applications



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± 0.001 mm

ULTRA PRECISION TOLERANCE

100% Forged

HIGH TOOL STEEL QUALITY

Zero Downtime

MAXIMUM WEAR RESISTANCE

01. METAL SLITTING CUTTERS & SPACERS

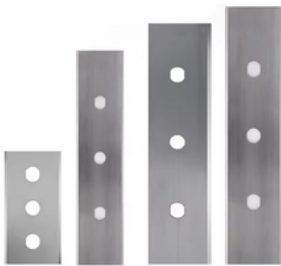


METAL PROCESSING

PRECISION SLITTING CUTTERS & SPACERS

- **Forged Tool Steel:** High-density alloy steel micro-structure for extreme resilience.
- **Ultra-Thin Foil Slitting:** Precise cutting capability down to < 0.1 mm thickness.
- **Burr-Free Edge Finish:** Precision lapped knife faces prevent coil edge burrs.
- **Precision Spacers:** High compressive strength spacers with exact thickness tolerances.

02. HEAVY DUTY SHEARING BLADES



STEEL MILLS & HEAVY DUTY

HOT & COLD SHEARING BLADES

- **Thermal & Shock Resistance:** Heat-treated to withstand heavy
- **Universal Compatibility:** Engineered for thin gauge sheet shearing to heavy plate steel mills.
- **Longer Service Life:** Uniform hardness distribution reduces edge chipping & regrinding frequency.

mechanical shock & thermal cycles.

03. PLASTIC GRANULATOR & SHREDDER KNIVES



RECYCLING INDUSTRY

ROTOR & STATOR GRANULATOR BLADES

- **Precision Cutting Gaps:** Ground to tight tolerances for uniform plastic grind size.
- **High-Impact Resistance:** Tough steel alloy grades prevent blade cracking under heavy loads.
- **Broad Material Range:** Ideal for PET, HDPE, Film, Rigid Plastics, and Heavy Pulverizers.

04. PRINTING & PACKAGING INDUSTRY KNIVES



PAPER CONVERTING & PRINTING

GUILLOTINE, SLITTER & PERFORATION KNIVES

- **Guillotine Cutters:** Micro-bevel polished edges for mirror-smooth, dust-free paper cuts.
- **Flexible Packaging Slitters:** High-speed foil & film slitting with long edge retention.
- **Material Choices:** Available in Standard Tool Steel, Inlaid HSS, and Tungsten Carbide (TCT).

TECHNICAL SPECIFICATIONS MATRIX

PRODUCT LINE	MATERIAL GRADES	HARDNESS (HRC)	TOLERANCE		TARGET APPLICATIONS
Slitting Cutters	AISI D2, D3, H13, HSS H13, Cr12MoV, EN31 D2, High Chrome Alloy Steel	58 - 64 HRC	±	0.001	CRCA, Stainless Steel, Brass, Aluminum Foil
Shearing Blades		54 - 60 HRC	mm	±	Cold & Hot Plate Steel Mills
Granulator Knives		56 - 60 HRC	0.005 mm ± 0.01 mm		PET, HDPE, Rigid Plastics, Recycling Shredders
Guillotine / Slitter Blades	Inlaid HSS / TCT Tipped	62 - 65 HRC	± 0.002 mm		Paper Converting, Flexible Packaging & Film

WHY PARTNER WITH MAARK TOOLS INDIA?

✓**Vacuum Heat Treatment**

Computer-controlled thermal processing ensures maximum core toughness and edge stability without distortion.

✓**Cost Optimization**

Extended blade life reduces tool change frequency, directly lowering operational and maintenance expenditure.

✓**Inventory & Fast Dispatch**

Ready-stock inventory of standard size arbors and blades ensures rapid delivery and minimized downtime.