

KUTU TOOL STEEL & MOLD STEEL

Official Brand Product Portfolio & Technical Catalog (2026 Edition)

Brand Owner: Shenzhen KUTU Technology Co., Ltd.

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1. PLASTIC MOLD STEEL PORTFOLIO

KUTU FT64

* Description: KUTU's flagship supreme mirror-polished, high-corrosion-resistance plastic mold steel. Electro-slag remelted (ESR) to guarantee absolute micro-purity. Best choice for medical syringes, high-end optical lenses, and clear plastic products.

* Delivery Condition: Milled / Ground Plates

KUTU S136 / S136H

* Description: High-chromium stainless mold steel offering excellent polishability, superior corrosion resistance, and stable wear resistance. S136H is the pre-hardened version designed to eliminate thermal deformation risks.

* Delivery Condition: Black Bar / Machined Block

KUTU 2083

* Description: Standard chrome-alloyed corrosion-resistant plastic mold steel. Renowned for processing chemically aggressive plastics, PVC molding tools, and acid-resistant mold bases.

* Delivery Condition: Forged Round / Plate

KUTU 718H

* Description: Pre-hardened plastic mold steel with added Nickel. Exhibits exceptional core hardness uniformity even in extra-large blocks. Standard choice for automotive bumpers, dashboard molds, and big appliance casings.

* Delivery Condition: Pre-hardened Forged Module

KUTU P20M

* Description: KUTU's modified pre-hardened mold steel optimized for superior machinability and deep-cavity texture etching. Minimizes tool wear during high-speed CNC milling.

* Delivery Condition: Precision Cut Plate

KUTU P20

* Description: Classic versatile pre-hardened plastic mold steel. Combines reliable polishability with clean EDM texturing properties. Perfectly fits toy molds, large structural frames, and general consumer goods tooling.

* Delivery Condition: Milled / Sawn Block

KUTU NAK80

* Description: Pre-hardened, age-hardened super mirror-surface mold steel. Requires zero subsequent heat treatment. Delivers brilliant electric discharge machining (EDM) finishes and clean mirror polishing.

* Delivery Condition: Precision Ground Flat stock

KUTU P40

* Description: High-grade pre-hardened steel with elevated core toughness. Specially engineered for high-pressure plastic injection molds and tools subject to extreme mechanical clamping stresses.

* Delivery Condition: Forged Block / Slab

KUTU 440C

* Description: High-carbon stainless tool steel providing maximum structural hardness and strong wear resistance. Extensively used for aggressive plastic processing inserts, bearings, and cutting nozzles.

* Delivery Condition: Bright Round Bar

2. HOT WORK TOOL STEEL PORTFOLIO

KUTU H13

* Description: Universal chromium hot-work steel with high red-hardness and excellent resistance to thermal shock and cracking. Widely utilized in aluminum/zinc die-casting dies, hot extrusion rams, and forging inserts.

* Delivery Condition: Forged Round / Square Bar

KUTU SKD61

* Description: Premium hot-work tool steel featuring robust structural stability at high temperatures. High toughness prevents premature heat checking during high-pressure metal casting operations.

* Delivery Condition: Turned Round Bar

KUTU 8407

* Description: An elite-grade, high-toughness hot-work steel acting as an enhanced premium alternative to standard H13. Possesses superior multi-directional impact toughness to prevent premature thermal splitting.

* Delivery Condition: Isotropically Forged Module

KUTU 8418

* Description: The ultimate evolution in hot-work tool steel. Engineered with state-of-the-art chemical composition to provide extreme resistance to thermal fatigue, hot erosion, and crack propagation.

* Delivery Condition: Premium Forged Block

3. COLD WORK TOOL STEEL PORTFOLIO

KUTU D2

* Description: High-carbon, high-chromium cold work steel featuring ultimate wear resistance and massive compressive strength. Perfect for long-run stamping dies, blanking tools, shear blades, and rolling dies.

* Delivery Condition: Ground Flat / Round Bar

KUTU DC53

* Description: High-performance cold-work steel with twice the impact toughness of D2. Completely eliminates the common chipping and cracking flaws of D2 in heavy-duty high-speed stamping operations.

* Delivery Condition: Precision Milled Plate

KUTU SKD11

* Description: Industry standard air-hardening cold-work tool steel. Offers excellent dimensional retention during vacuum heat treatment paired with high abrasion resistance.

* Delivery Condition: Black / Milled Slab