ELLWOOD

YOUR METALS PARTNER, FROM MELT TO DISTRIBUTION

PRODUCTS AND CAPABILITIES

ELLWOOD Specialty Metals - USA is a fully integrated supplier of specialty tool steels. Our ExELL™ grades are melted using an ultra-high power electric arc furnace and advanced ASEA-SKF ladle metallurgy practices, as well as vacuum degassing to produce clean steels.

Our melting process yields high-quality results with tight chemistry control for predictable properties and heat treat response. Supplemental ESR and VAR re-melting are also used for certain steel grades and specification requirements.

Our high-quality steel is emphasized by superior open die forging capabilities and expertise. Producing steels with optimum properties such as cleanliness, product uniformity, machinability, ability to polish, toughness, hardenability, and others. All products are produced in ISO 9002 certified facilities.

ADVANTAGES

ELLWOOD Specialty Metals - USA is a major producer of alloy steels used for tools, support tooling and traditional tool steel grades used for holders, structural components, and more demanding uses for categories such as:

- Cold work die steel
- Hot work die steel
- Plastic mold steel
- Forge die steel

PRODUCT FORMS AND SERVICES

Mill product capabilities include forged billets, blooms, slabs, rectangular blocks, round bar (solid and hollow), and custom blocks. Our extensive stocking programs allow for short lead times in mill and custom forged products in standard grades. Other grades are available upon request.

- Custom Sawing
- Lifting Holes
- Grinding
- Milling
- Turning

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PRODUCTS

MOLD STEELS

- ExELL™ P20 Mod
- ExELL™ P20M High Hard
- ExELL™ P20M Lens/Texture Quality
- ExELL™ 2714
- ExELL™ H13 SMDQ
- ExELL™ Holder (4140Mod)
- ExELL™ 420 SMDQ
- ExELL™ 15-5 PH SMDQ
- ExELL™ S-7 SMDQ
- ExELL™ Mold Alloy

ALUMINUM

- EllCast®5 - 5083 Cast Plate
- EllCast®2 - 2618 Cast Plate
- QC 10 Mold Plate
- 7000 Alloy Cast Plate
- 6061 Plate & Block
- 5083 Aluminum Tooling Plate

HOT WORK STEELS

- ExELL™ Tuf Die*
- ExELL™ Hot Die*
- ExELL™ H13 Premium*
- ExELL™ H13 Superior*
- ExELL™ H13 Superior Plus*

*Qualified to NADCA 207 spec for die cast tooling

COLD WORK STEELS

- ExELL™ A2
- ExELL™ D2
- ExELL™ S7

FORGING DIE STEELS

- ExELL™ Forge Die
- ExELL™ H13 Superior
- ExELL™ 2714
- ExELL™ Tuf Die

Special Mold and Die Quality (SMDQ) is produced with special melting, refining, forging, and thermal treating to produce premium tooling quality for applications demanding more optimum steel properties

QUALITY ASSURANCE

ELLWOOD Specialty Metals - USA is committed to providing products and services that consistently meet or exceed quality and performance expectations. We establish product programs to fully support industry or customer requirements.

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