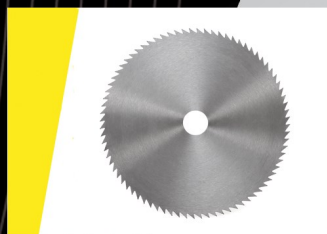


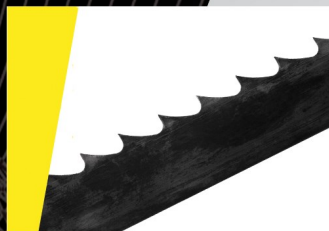
# HSS AND ASP<sup>®</sup> STEELS FOR SAWING APPLICATIONS



NOW **YOU** KNOW...



WHAT **EXCELLENCE**  
IS MADE OF



[www.erasteel.com](http://www.erasteel.com)

# ERASTEEL

# A WIDE OFFER FOR SAWING APPLICATIONS

High performance metal sawing requires at the same time high wear resistance, sufficient toughness and good hot hardness from the tooth material used.

Choosing the right material and the highest quality is of utmost importance for an extended blade life.

Erasteel is the partner of choice for your sawing applications: a world reference in both conventional & PM HSS, Erasteel is a major producer of edge wire for bimetal saws.

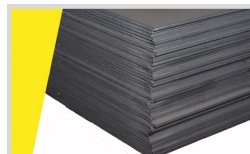
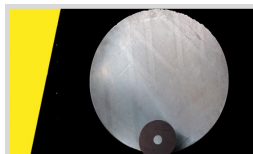
## APPLICATIONS INCLUDE

- Band saws
- Power Hacksaws
- Sabre Saws
- Hand Hacksaws
- Jigsaws
- Hole saws
- Circular saws
- Segment saws



## A COMPREHENSIVE PRODUCT OFFER

Thanks to a steady development and progress, Erasteel supplies saw producers with a complete package of premium conventional and powder metallurgy high speed steels, both for solid and bimetal saws.



|                               | Thickness | Width or diameter | Length or center hole | Special execution    |
|-------------------------------|-----------|-------------------|-----------------------|----------------------|
| <b>Strips</b>                 | 0.5-3.3   | 6-85              | Standard: in coils    | Cut-to-length blanks |
| <b>Sheets</b>                 | 1.0-15.0  | 600-1000          | 1500-2100             | Laser cut blanks     |
| <b>Discs</b>                  | 1.0-15.0  | Diam 50-600       | Diam up to 350        | With pinholes        |
| <b>Flat &amp; Square bars</b> | 3.0-70.0  | 4-210             | Max 4400              | Cut-to-length bars   |
| <b>Shaped edge wire</b>       | 0.6-2.65  | 0.8-6             | Standard on spools    |                      |

# HIGH QUALITY HSS & ASP<sup>®</sup> GRADES

## HIGH SPEED STEEL FOR FIRST-CLASS SAWS

Erasteel offers a wide range of high speed steels, with or without cobalt, that are perfectly adapted to sawing applications. HSS manufactured by Erasteel will meet your expectations thanks to a high quality process that guarantees a high hardness, a high wear resistance and a sufficient toughness.

## ASP<sup>®</sup> PM STEEL RANGE

Erasteel's unique powder metallurgy process enables our ASP<sup>®</sup> PM HSS range to reach an unprecedented level of cleanliness for a better performance of your tools.

ASP<sup>®</sup> grades are becoming more and more popular for sawing applications improving significantly the tool life with less teeth breakage and better hardness.



## RECOMMENDED GRADES FOR SAWING APPLICATIONS

|                       | USA<br>AISI | Europe       | Germany<br>DIN | C    | Cr  | Mo  | W   | Co   | V   |
|-----------------------|-------------|--------------|----------------|------|-----|-----|-----|------|-----|
| E M2                  | M2          | HS 6-5-2     | 1.3343         | 0.90 | 4.2 | 5.0 | 6.4 | -    | 1.8 |
| ABC III               | -           | HS 3-3-2     | 1.3333         | 0.99 | 4.1 | 2.7 | 2.8 | -    | 2.4 |
| E M3:1                | M3:1        | HS 6-6-2     | 1.3350         | 1.05 | 4.0 | 6.3 | 6.3 | -    | 2.5 |
| E M35                 | M35         | HS 6-5-2-5   | 1.3243         | 0.93 | 4.2 | 5.0 | 6.4 | 4.8  | 1.8 |
| E MAT II              | -           | HS1-5-1-8    | 1.3270         | 0.72 | 4.0 | 5.0 | 1.0 | 8.0  | 1.0 |
| E M42                 | M42         | HS 2-9-1-8   | 1.3247         | 1.08 | 3.8 | 9.4 | 1.5 | 8.0  | 1.2 |
| WKE42                 | (M51)       | HS 10-4-3-10 | 1.3207         | 1.27 | 4.0 | 3.6 | 9.5 | 10.0 | 3.2 |
| ASP <sup>®</sup> 2023 | (M3:2)      | PMHS 6-5-3   | 1.3395         | 1.28 | 4.0 | 5.0 | 6.4 | -    | 3.1 |
| ASP <sup>®</sup> 2030 | -           | PMHS 6-5-3-8 | 1.3294         | 1.28 | 4.2 | 5.0 | 6.4 | 8.5  | 3.1 |
| ASP <sup>®</sup> 2042 | -           | -            | -              | 1.08 | 3.8 | 9.4 | 1.5 | 8.0  | 1.2 |
| ASP <sup>®</sup> 2051 | -           | -            | -              | 1.27 | 4.0 | 3.6 | 9.5 | 10.0 | 3.2 |

NEW  
NEW

# OUR SERVICES

## SERVICE & TECHNICAL SUPPORT

Erasteel has always given priority to service and technical support, through a long-term partnership approach with its customers. Finding the most efficient solutions to meet saw makers' needs is a permanent concern of the company in the fields of sales, logistics and technical service.

Technical Support is essential in Erasteel's philosophy. Through a highly experienced team and high technology equipment, Erasteel offers different services to saw makers:

- On-site visits to provide support on manufacturing issues, such as heat treatment and processing of HSS
- Material and saws examination or testing
- To co-develop new products, work on new ideas and projects and find together the best solutions for the future
- Sessions can be organized at one of your locations or one of our plants.

## SAW COMPETENCE CENTER

To improve our products and better serve saw manufacturers, Erasteel has created a Saw Competence Center with:

- Objective testing possibilities
- Optimization of HT parameters
- Performance testing of new grades and geometries



## DEDICATED PRODUCTION SITES

- Erasteel Kloster, Vikmanshyttan, Sweden
- Erasteel Stubs, Warrington, UK
- HEIML, Tianjin, China
- Erasteel Commentry, France
- Erasteel Champagnole, France

