

# Cutting Edge Solutions®



- Blanking
- Heat Treating
- Grinding
- Laser Cutting
- Knives
- Blades
- Slitters
- Circular Knives
- Circular Blades
- Machine Knives
- Industrial Knives and Blades
- Hand Knives
- Textile / Cloth Knives & Blades



Hyde Tools, Inc.  
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[www.hydeblades.com](http://www.hydeblades.com)



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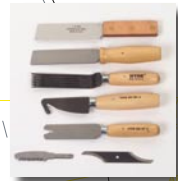
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-0.000

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

NOTE: BEVELS ON  
BACK SIDE.



*New England's leather and shoe industry needed high-quality knives to cut and shape its wares. Isaac P. Hyde saw the need and filled it. By budgeting his time, he could fashion the knives by hand, finish them, load them in his buggy, distribute them, factory to factory, and get back to Southbridge in time to sweep up the workshop. From this modest beginning, Hyde built first a reputation, then a factory. By the close of the 19th century, he had expanded his line of knives to include custom styles for a variety of industrial uses. The standards that Isaac Hyde established in the 1870's still hold true today: Make the best possible product from the most appropriate steel and try every day to improve on yesterday's best. Day after day, in every product, Hyde gives America the edge it needs.*



Ø 1.750 +.001  
-.000

64 Holes  
DRE GRINDING FLATS

750 REF  
TER FLATS GROUND



NOTE: BEVELS ON  
BACK SIDE.

## Cutting Edge Solutions®



**HYDE Manufacturing Company  
has expertise in:**

- Blanking
- Heat Treating
- Grinding
- Laser Cutting
- Knives
- Blades
- Slitters
- Circular Knives
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### Circular Knives and Blades for All Applications

If your application requires a circular knife or blade, Hyde has the experience to meet your needs. We have been supplying a multitude of industries with their knife and blade requirements for over 100 years. We'll get you the right knife at the right price within a very short lead-time. Let us show you just how good we can be.

### Food Processing and Stainless Products

If you eat it, a Hyde blade probably cut it. Utilizing our decades of experience, in-house processes, and our large inventory of stainless and specialty steels, our blades are the standard against which others are measured. Hyde gives the world's food processing industry the edge it needs.

*Let us show you just how good we can be.*

### Diamond Saw Cores

Diamond saw manufacturers require precision cores for mounting their diamond segments. Hyde has been serving their needs for decades. From thin (down to .007") precision saws with thickness tolerances of plus or minus .00025", to 24" diameter slotted cores for applications like stone, concrete, or brick cutting, we have the craftsmanship and technology to service your demands. With all process requirements under one roof, Hyde is able to offer the shortest lead-times in the industry.

### Rubber Cutting

Hyde has been supplying the rubber trades with their cutting tools and blades since the 19th century. With our decades of heat-treating and grinding experience we understand the tough demands of that market. We have the right materials on hand to provide product that will hold up under the harshest of conditions while meeting your performance demands.

### Specialty Hand Knives

Mr. Isaac Hyde began his company delivering hand knives to local shoe makers. Hyde continues to make hundreds of hand knife styles to serve unlimited purposes. The introduction of comfortable ergonomic handles has added to our ability to offer the best product the industry demands. We stock several knife styles but will also manufacture to your requirements.

**Poultry, Fish, Red Meat, Beef jerky, Fruit, Vegetables, Tortilla Chips, etc.**

What makes a Food Processing blade perform beyond expectations? Start with the best stainless steel the world has to offer. Heat treat in a manner that maximizes its corrosion resistance while retaining its cutting edge longevity. Machine it to exacting tolerances. Guarantee its performance. Every Hyde blade is built with these values.



*Send us your requirement or we'll help you design your own specific solution. With over a century of industrial blade expertise, we'll work with you to reach your desired results. Most requests for quotes answered within 48 hours.*

*Prototyping available.*

Hyde stocks several grades of stainless steel in a variety of sizes that ensures we will have material to meet your specific need in the most expedient manner. We'll quickly turn your processing challenge into a Hyde solution.

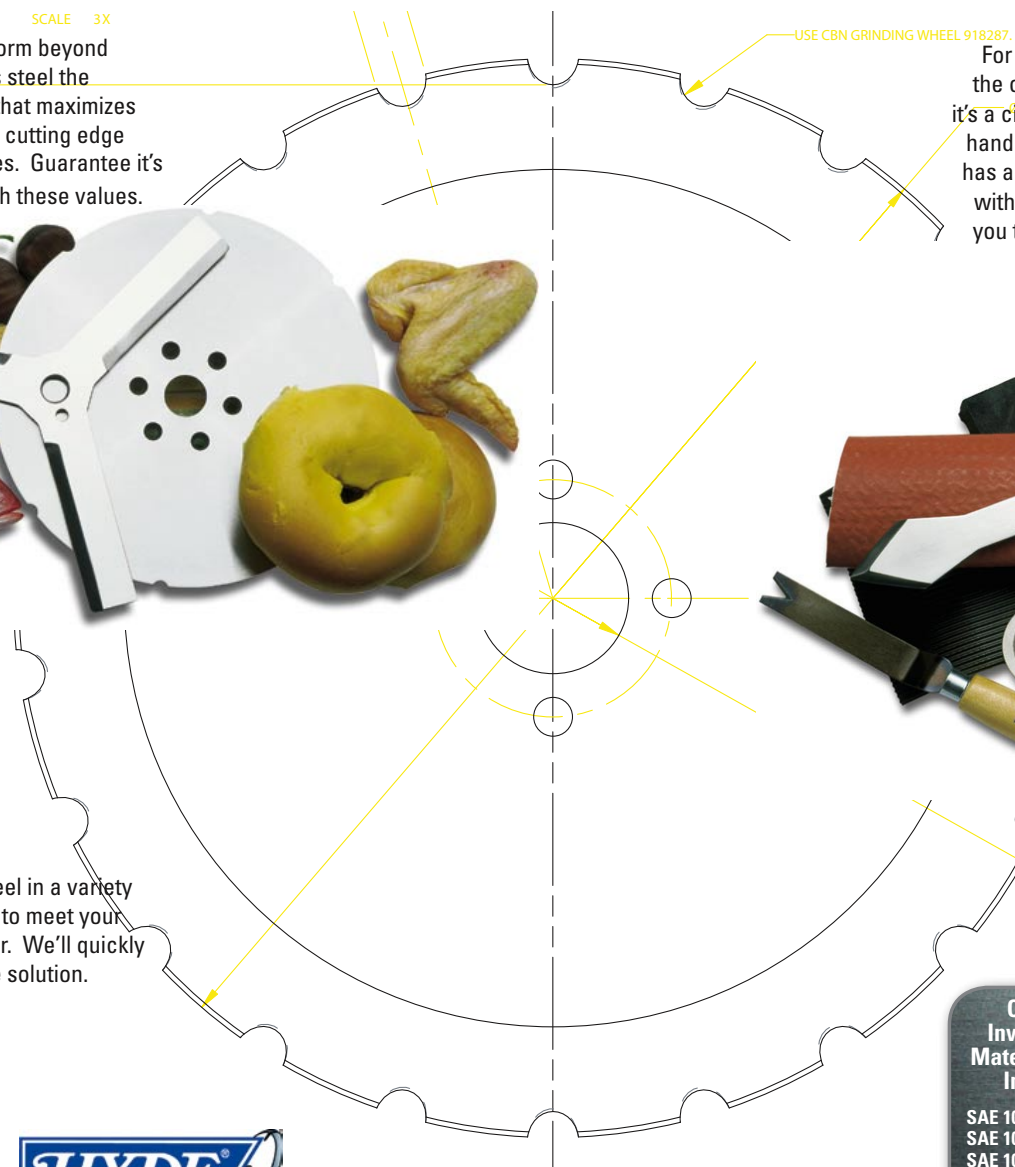
**Stocked Steel Types**

- 301
- 316
- 410
- 420
- 440-A
- 440-C
- DIN 1.4112
- 17-4



SCALE 3X

USE CBN GRINDING WHEEL 918287.



**Belting, Foam, Hose, Gasket, etc**

Cutting, Slitting, Slicing, Trimming....

For over a century, Hyde has supplied products to meet the challenges of tough industrial applications. Whether it's a circular blade for an automated process, or a custom hand knife designed for a particular trimming need, Hyde has a solution. If we're unable to meet your expectations with one of our dozens of stocked items, we'll work with you to design a knife or blade specific to your operation.



*From traditional wood to ergonomically engineered soft grip handles, we can customize a hand knife to your specific demands. If it's a circular blade application you need, our experience will match the ideal material alloy to your application to maximize blade performance. Mr. Isaac Hyde began his company in 1875, serving industrial customers. We continue his tradition of total customer satisfaction to this day.*

We stock several steel alloy types to offer the best possible knife performance for the application requirements. If we don't have the optimum material on hand, we can get it fairly quickly.

**Current Inventoried Material Types Include:**

- SAE 1050 80SS
- SAE 1075 M2
- SAE 1095 M4
- SAE 8670 D2
- 52100 A2
- Chrome Vanadium

## Corrugated cores, Paper Products, Laminates, etc.

Steel choice, bevel angle, edge thickness, surface micro finish, hone technique, flatness, side run-out, .... All critical functions that will affect the performance of a blade. Hyde has over a century of experience in providing the right specifications to optimize performance. Tell us what material you're trying to cut and we'll build you a blade to accomplish it. Our in-house laser cutting capabilities enables us to cut unlimited shapes without expensive tooling. Our on site, state of the art, heat treating equipment provides us the luxury of controlling our own processing, absolutely necessary if flatness is a priority

**Today's laminates and super strength materials provide cutting challenges never before realized. Frequently shutting down equipment due to blade failure is costly and unacceptable. We have the experience to recommend specifications that will extend blade life, resulting in increased productivity and yield.**

Hyde stocks many types and sizes of alloys formulated to meet the cutting challenges of today. There's a fine line between edge performance and durability. We provide product that addresses both those requirements.



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### Stocked Steel Types:

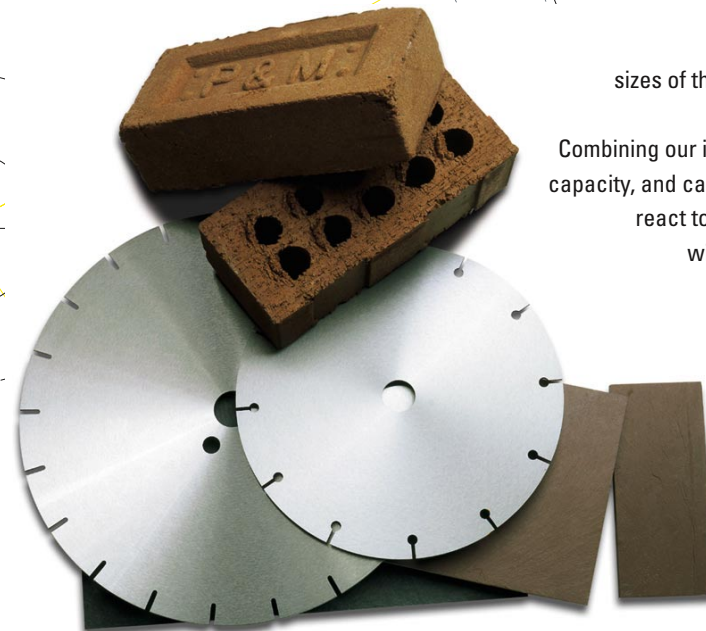
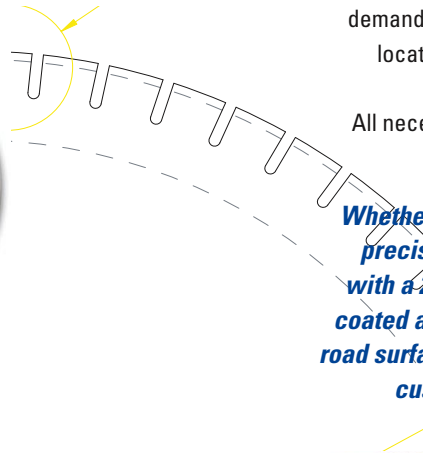
- SAE 1075
- SAE 1095
- 52100
- M2
- M4
- D2
- A2
- Chrome
- Vanadium

## Slotted Cores, Precision Rims, Coated Abrasive Cutters, etc.

For decades, Super Abrasive and Coated Abrasive blade manufacturers have looked to Hyde for their core blade needs. We've custom built dedicated equipment to meet the technical demands of that product. Exacting tolerances, precision slot locations, high-strength alloys, robotically controlled heat treatment, exceptionally flat and roll tensioned... All necessary characteristics to provide the best product for very demanding applications

**Whether it's slicing precious metals with a .009" thick, precision diamond saw blade, cutting granite blocks with a 24" diameter saw, converting sandpaper with a coated abrasive blade, or grinding deteriorated asphalt road surfaces with 14" diameter slotted diamond blades, customers count on Hyde to provide products that perform under these extreme conditions.**

Hyde stocks several sizes of the raw materials these products demand. Combining our inventory investments, capacity, and capabilities, allows us to react to unforeseen demands with minimal lead times.



### Inventoried Material Types:

- SAE 1075
- SAE 1095
- SAE 4130
- 52100
- A2

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