



Fall show and convention season is upon us! We will be exhibiting or attending shows from the nation's capital to the Big Easy covering general industrial, food processing, rubber and textile markets. If you are attending of the shows listed to the right, stop by and see us. In this issue of The Cutting Edge, we are pleased to share a new video spotlighting our cloth & textile blades and feature a Cold Hard Steel Fact on heat treating.

If you have a unique cutting application, e-mail us at [info@hydeblades.com](mailto:info@hydeblades.com) or see us on the road. We will be happy to come up with solution designed specifically for you and your company.

### CUTTING EDGE NEWS #1

#### PROCESS EXPO 2019 IS FAST APPROACHING

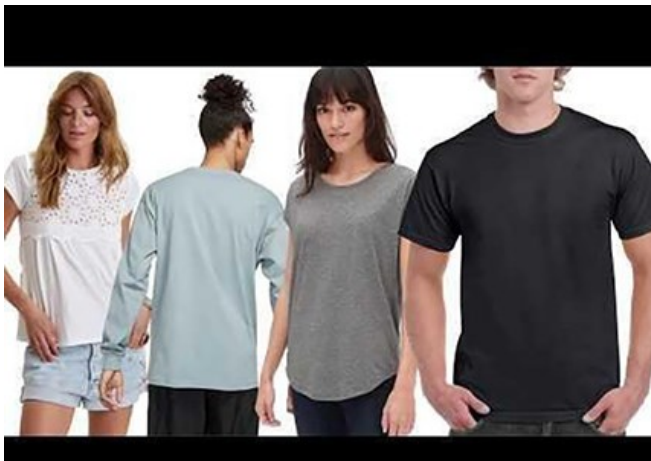


Visit us at Process Expo 2019. Join us at THE global food equipment and technology show, October 8-11 in Chicago, IL. Swing by booth 756 and view our line of food processing blades for cutting everything from seafood to succotash, mushrooms to bananas, rib steaks to apples and more! Our own patented Meat Miser™ Food Processing Blades are spotlighted in the show's Innovation's Showcase Gallery. This year's show will also feature five LIVE production lines on the floor. Should be exciting! Learn more:

<https://www.myprocessexpo.com/innovations-showcase-gallery/>

### CUTTING EDGE NEWS #2

#### IF YOU'RE WEARING IT, A HYDE CLOTH & TEXTILE KNIFE PROBABLY CUT IT



### TRADE SHOW SCHEDULE

September 18-21, 2019,  
NIBA Convention  
(Belting/Fluid Power),  
Washington, DC

September 22-25,  
A-D ISD NAM National Meeting  
(General Industrial),  
Grapevine, TX

October 8-11, 2019,  
Process Expo (Food  
Processing),  
Chicago, IL

October 29-30,  
SPESA Executive Conference,  
(Cloth/Textile),  
New Orleans, LA



**Our Solid Steel Offer:**  
Receive a refund if  
you are not satisfied  
with our product in  
the first 60 days!


[Request Information](#)

Learn more about our R&D, manufacturing processes and line of Cloth & Textile Knives in this new video. Whether you require manual or automated cutting of traditional or engineered fabrics, Hyde knives are sharper out of the box for great first cuts and up to 2x the life of the competition for long-term use. View video and learn more about Wilson USA-made knives:

<http://www.industrialbladesandknives.com/resource-center/product-videos/>

## LEADING EDGE PRODUCT #1

NEW TECHNICAL BULLETIN AND TESTING SHOW WILSON TEXTILE BLADES OFFER 50% LONGER LIFE RESULTING IN FEWER CHANGEOVERS



### Wilson Machine Knife

#### TECHNICAL BULLETIN

#### Wilson Textile Knives - Comparative Testing

Testing done recently comparing Wilson straight textile knives against another USA-made brand, as well as two Far East brands proved that Wilson USA-made knives outperformed the competitor products by significant degrees. The testing was performed at an independent test facility, using ISO #8442-5-2004 standardized testing on a CATRA testing machine. The testing measured initial cut performance (sharpness out of the box), total cutting performance (cutting life) and repeatability of results from blade to blade. The end result of the testing was that Wilson USA-made knives outperformed the competitive brands in both initial cut performance and total cutting performance.

- ✓ WUSA knives are up to 3 times as sharp out of the box than any of the other brands tested
- ✓ WUSA knives offer at least 50% more life than the other leading brands in total cutting performance
- ✓ WUSA knives provide more consistent results, knife after knife, than any other brand


This testing shows that the total cost of ownership is significantly reduced when using Wilson knives:

- ✓ More cuts per blade, for fewer blade changes and lower change-over costs
- ✓ Longer run time between sharpenings, for fewer sharpenings and lower sharpening belt costs
- ✓ Higher quality finished product cut quality, reducing scrap and rework costs

This study proved that the best performance for textile cutting operations is achieved NOT by the lowest cost blade, but rather by the highest quality blade. This study proves that Wilson knives offer the lowest overall cost of operation, when all costs are considered.

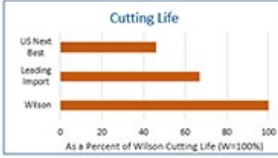
We strongly urge end users to prove this for themselves by testing Wilson knives in their cutting operations.

#### Sharpness




Brand	Sharpness (%)
Wilson	100
Leading Import	45
US Next Best	35

#### Cutting Life



Brand	Cutting Life (%)
Wilson	100
Leading Import	65
US Next Best	45

Wilson Machine Knife, Div. of Hyde Industrial Blade Solutions  
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Phone: 800-872-4933 or 508-764-4344 • Fax: 508-764-8172 • [info@hydeblades.com](mailto:info@hydeblades.com)



Performed at an independent test facility using ISO#8442-5-2004 standardized testing on a CATRA machine, Wilson USA-made Cloth & Textile knives outperformed competitive brands in both initial and total cutting performance. Testing measured sharpness out of the box, cutting life and consistency of quality and results from blade to blade. Download the full report:

<http://www.industrialbladesandknives.com/wp-content/uploads/2019/06/Wilson-Knife-Comparative-Testing.pdf>

## COLD HARD STEEL FACT

PROPER HEAT TREATING MAXIMIZES OVERALL BLADE LIFE



Heat treating is a critical process in the manufacturing of machine knives and

industrial blades. It is used to alter the physical characteristics of the base steel, such as strength, ductility, toughness, hardness and resistance to corrosion. Heat treating techniques include annealing, case hardening, tempering and quenching.

Steel consists of a microstructure of small crystals or "grains". It is the size, composition and orientation of these "grains" that determines the overall mechanical behavior of the steel. Heat treating is an effective and efficient way to manipulate these "grains" to maximize characteristics such as:

- Cutting edge retention
- Relief of internal stresses
- Blade durability
- Overall blade life

Hyde Industrial Blade Solutions has a variety of heat treating and tempering methods at our disposal, allowing us to match the desired characteristics of an industrial blade or machine knife to the right Hyde process in order to obtain the desired end use result.

For more information on heat treating, contact us at [info@hydeblades.com](mailto:info@hydeblades.com)

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***Hyde Industrial Blade Solutions — Solutions You Can Count On!™***



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