



# NEWS FROM THE CUTTING EDGE

## *Helpful Tips From The Professionals At Hyde IBS*

**Congratulations** to the winners of our 135th "What's Your App? Big Birthday Blast Contest"! Ten winners were picked at random and each will receive a \$135 gift card from American Express. As expected, customers of Hyde IBS blades use them for a wide variety of interesting applications across a wide expanse of industries:

Juan – FJC International – Poultry processing.

John – Precision Dormer – Gang trimming of "pom-pom" material to length.

Traci – Straus Knitting Mills – Cutting cuffs on beaver slitting machines.

Lisa – Marco Global, Inc. – Cutting of whole fish into specifically sized sections for hand baiting of longline fishing equipment.

Larry – Pacific Industrial Blade – Slicing and dicing for food processing.

Melissa – Meyn America – Taking the hide off chickens.

Bill – Ankerpak – Manufacturing of wax pencils for Sharpie.

Terry – Green Rubber – Large diameter hydraulic hose cutting.

Tracy – Hill Parts – Poultry processing.

Brent – National Hole – Hydraulic hose cutting.

**Thanks to all entrants for your submissions!**

We hope you'll find something of interest to you and your business. We'd like your feedback on what you would find helpful in upcoming issues. E-mail us at [info@hydeblades.com](mailto:info@hydeblades.com)

**SOLUTIONS: 10% COUPON OFF NEXT PURCHASE OF HYDE IBS HOSE HOG CIRCULAR BLADES AND KNIVES!**



**HYDE HOSE HOG CIRCULAR KNIVES AND BLADES** are designed for cutting hose and tube materials in the production process or in aftermarket applications by professionals. Whether for the manufacturing plant or cutting hose and tube in the field, **Hyde IBS Hose Hog Blades** move through the toughest materials and deliver smooth cuts time after time.

These blades can last up to five times longer than competitive blades by employing the highest manufacturing and quality control standards in their design and production.

**PRINT OUT THE COUPON ABOVE AND SEND IT IN WITH YOUR NEXT ORDER OR MENTION "HOSE HOG PROMOTIONAL OFFER HHP411" WHEN YOU CALL HYDE!**

## **LEADING EDGE PRODUCTS: NEW SEAFOOD PROCESSING BLADES STAND UP TO TOUGH PLANT CONDITIONS TO INCREASE YIELD AND REDUCE WASTE**



Hyde IBS offers a full range of high performance, circular seafood processing blades suitable for both fresh and salt water processing and designed to outperform competitive blades by employing the highest manufacturing and quality control standards in their design and production.

Starting with the highest grade stainless steel, we employ proprietary processes to impart a low or "smooth" Ra microfinish providing excellent corrosion resistance to the conditions found in seafood plants. This finish reduces friction during the cut and reduces the tendency of fish and waste products to stick to the blade. Cleaner blades last longer and cut more efficiently producing more yield and less waste.

Durable Hyde IBS Seafood Processing Blades come in twenty-nine (29) different sizes ranging from 3.54" (90 mm) to 11.81" (300 mm) and can be re-sharpened. Individual circular blades up to 17" in diameter are also available for applications such as canning. Scraping, incision, skinner and straight blade configurations are also available. Special edge coatings can also be applied to further increase cutting edge hardness for longer blade life.

### **COLD HARD STEEL FACT: THE BASICS OF BEVELS**

Machine knives work because they are able to penetrate into the material being cut, be it metal, wood, plastic, fabric, food, or a myriad of other materials. In order to penetrate the material, machine knives have to have at least one "bevel". A bevel is the sloping surface coming off the edge of the tool, and it is this "angle" that actually allows the tool to make a cut.

A bevel serves two purposes. First, it creates a strong, durable and reliable cutting edge on the tool, allowing the knife to penetrate the material. Second, it minimizes the amount of material deformation caused – it lets the knife cut without destroying the material. Some common bevel designs include:



**Single Bevel, Basic** – a simple bevel on one side of the blade only



**Single Bevel, Compound Angle** – two bevel angles – primary and secondary – on one side of the blade only



**Double Bevel, Basic** – a simple bevel, but on both sides of the blade



**Double Bevel, Compound Angle** – two bevel angles – primary and secondary – on both sides of the blade

Single bevel blades are better suited for heavier materials and slower speeds. These are often found in trim-type applications, where a clean, finished edge is desired after the cut. Double bevel blades are better suited for medium to lighter materials and faster speeds, and are the most common design in use today for almost all industrial slitting markets.

For more information on blade bevels, check out our *Helpful Hints* bevels overview flyer at <http://www.industrialbladesandknives.com/literature/pdf/bevel-considerations.pdf> or contact us at [info@hydeblades.com](mailto:info@hydeblades.com)

**TRADE SHOW SCHEDULE:** Visit us at these upcoming trade shows or conventions:

- International Poultry Expo 2011, Atlanta, GA, January 26-28, 2011. Booth #4974.
- International Hoof Care Summit, Cincinnati, OH, February 2-3, 2011.
- AFA Convention, Lexington, KY, March 2-4, 2011.
- CAFA Convention, Ft. Lauderdale, FL, March 17-19, 2011.
- NAHAD Convention. San Diego, CA, April 2-6, 2011.

**OUR SOLID STEEL OFFER:** For your first order, use our blades for 60 days before you pay. If Hyde blades don't perform at least as well as your current supplier, simply return them for a **full credit!** That's how **confident** we are in our blades!

*For all your industrial blade needs, Hyde IBS offers solutions you can count on!*

### **Solutions You Can Count On!**

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