



These past few weeks have certainly been challenging and unsettling for all of us, dealing with the spreading of the coronavirus around the world. We wish each and every one of you and your families the best of health as we all try to go about our daily lives as safely as possible.

While it's not "business as usual" in many cases, Hyde, as a supplier to essential manufacturing, will continue to support our customers' operations as they keep their cutting and processing lines up and running to fill the supply chain for their respective products.

We're here for you. If you have a unique cutting application or just need support in your day-to-day operations, e-mail us at [info@hydeblades.com](mailto:info@hydeblades.com). Be well!

### CUTTING EDGE NEWS #1

IT'S A REVOLUTION! IT'S AN FC REVOLUTION!



Our latest video spotlights our dynamic FC Revolution Seafood Processing Blades. They are designed for long-life and less waste and more profits for processors. Engineered with high-grade stainless steel, we achieve a super smooth Ra microfinish on these blades to reduce friction during the cut and the tendency of fish and waste products to stick to the blade. Cleaner blades last longer and cut more efficiently producing more yield. View the full video here:

<http://www.industrialbladesandknives.com/markets/food-processing/>

### HAPPENINGS AT HYDE

7 GUIDING PRINCIPLES of ISO 9001:2015



### TRADE SHOW SCHEDULE

Based upon current health and travel advisories in place nationally and locally, and with so many postponements and cancellations of shows and conventions, we are going to stick close to home and Hyde headquarters for a bit. We will alert you to any upcoming shows and events in the near future.



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

[Request Information](#)



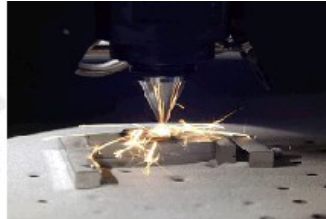
**Hyde IBS was one of the first machine knife manufacturers to achieve this standard**

An engaged workforce and continuous improvement are just two of the principles discussed in this interesting article from *Thomas Insights*. Hyde IBS has been ISO 9001 certified since the last millennium and dedicated relationship management is core to our being. Learn more on how your organization can uphold these values [here](#).

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**COLD HARD STEEL FACT**

**3D PRINTING TECHNOLOGY OPENS UP NEW  
POSSIBILITIES FOR PROTOTYPING**



The concept of 3D printing was hatched in the 1970s and came to fruition for plastics in the mid-1980s. The move to develop metal prototypes started in the 1990's and has been refined over the last 25 years. The process uses laser energy and powdered metal to build the part up in successive layers. Unlike traditional milling and grinding (subtractive manufacturing), 3D printing (additive manufacturing) only uses enough raw material to form the part. Key benefits in building material up rather than machining it away include:

- Complex geometry – Engineers can now design parts that would typically be impossible to machine. This frees designers up from traditional designs constrained by manufacturing rules;
- Part consolidation – Simple parts can be combined to make one complex one to reduce cost;
- Weight savings – Parts can be designed so that what was once a completely solid part, can now have internal voids and cavities. Because of this, the parts are lighter and faster to print...and you can't even tell by looking at them!

At Hyde, we are working 3D printing into the development of specialized fixturing and testing of new designs.

If you would like to learn more about this amazing process, check out the links below.

<https://www.foundry-planet.com/d/3d-metal-printing-how-it-works/>

[https://en.wikipedia.org/wiki/3D\\_printing](https://en.wikipedia.org/wiki/3D_printing)

Pictures courtesy of <https://www.re3dtech.com> 1

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



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