



FULLERTON
NEWSLETTER

FANTOM 2.0



April
2016

Fantom 2.0 Launches!!!

This newsletter features info on our newest advanced performance end mill - the Fantom 2.0, includes tips for high performance drilling and so much more!

FANTOM 2.0

NEW TOOL

The 3412 Fantom 2.0 is one of Fullerton Tool's advanced performance, solid carbide, 5-flute end mills specifically designed to excel in difficult machining materials. Enhanced edge strength provides a stable, robust cutter that allows heavier chip loads and produces superior part finishes. The Fantom 2.0 is recommended for machining in Steels, Stainless Steels, Super Alloys and Titanium.

GREAT FOR USE IN:



 [CLICK HERE TO FIND THE RIGHT TOOL FOR YOUR APPLICATION!](#)



3412 Fantom 2.0

- Square and Corner Radius End
- 5 Individually Designed Flutes
- Eccentric Relief
- Variable Index
- Right Hand Spiral
- Right Hand Cut
- Center Cutting
- Stub, Standard, Extra Long and Long Reach Lengths
- Standard FC-20 Coating
- Metric and Inch Based Tools
- Dura Carb (Micrograin)
- h6 Tolerance

SALES SUMMIT

This past month, our Fullerton team was lucky enough to jet-set around the country and participate in Blackhawk's Sales Summit in Tulsa, OK and ISA's (Industrial Supply Association) Annual Convention in Chicago, IL. They met lots of great people at both events and received a lot of great feedback. Through many discussions, the early 2016 dip seemed to be consistent for everyone, but it's likely that by mid-2016 business will ramp up and continue throughout the end of 2017! Aerospace, Automotive, and Medical industries will continue to have a strong uptick in business; which we hope to capture additional market share by offering specialized tooling for these industries. Overall, our team came away with great feedback, a better sense of the market and new goals and tasks for our sales team.

FANTOM VS. FANTOM 2.0

Fantom vs. Fantom 2.0 tested in 4140 35 Rc for Firearm manufacturer.

Fantom
200 SFM
12 Pieces/End Mill



Fantom 2.0
300 SFM
25 Pieces/End Mill

Fantom vs. Fantom 2.0 tested in 4340 for Heavy Equipment manufacturer.

Fantom
200 SFM
200 Pieces/End Mill



Fantom 2.0
200 SFM
800 Pieces/End Mill

Fantom vs. Fantom 2.0 tested in Cobalt Chrome for Medical manufacturer.

Fantom
22 Pieces/End Mill



Fantom 2.0
50 Pieces/End Mill

TEST TOOL

VISIT US AT IMTS!

IMTS is fast approaching and we're launching an entire product line at this year's event! If you're planning on attending, make sure to visit our booth to learn all about our new product line and see our latest products first-hand. See you there!

Booth W-1693

September 12-17th
McCormick Place, Chicago, IL



Don't be afraid to
CLICK!

This PDF is interactive.

HIGH PERFORMANCE DRILLING TIPS

3 X D | 5 X D | 7 X D

- No center drilling required
- Excellent chip control
- Excellent size control
- No post finishing operations required
- High SFM capable

GREATER THAN 7 X D

- Spot drilling is required
 - Drill point angle must be larger than the drill point angle on the finish drill
Example: Drill Point = 140 Degrees/Spot Drill = Greater than 140
 - Spot drill to minimum depth of 2 x D
- Special drill entry required
 - Reduce drill RPM to 100 RPM
 - Enter to approximately 1 x D
 - Increase RPM to recommended speed and proceed drilling the hole at programmed SFM and IPM

GEOMETRY FEATURES & ADVANTAGES

- Concentric chisel edge
 - Provides size control and roundness
- Cutting lip specific to material being drilled
 - Provide consistent chip flow into the flute
- Flutes and core diameter
 - Provides chip control
 - Provides drill strength to drill straight holes
- Controlled back taper and margins
 - Minimize contact with finished hole diameter
 - Better size control
 - Minimize heat generated during drilling operation

RESULTS

- Excellent hole quality
- No post operations required
- Cost savings
- Higher productivity

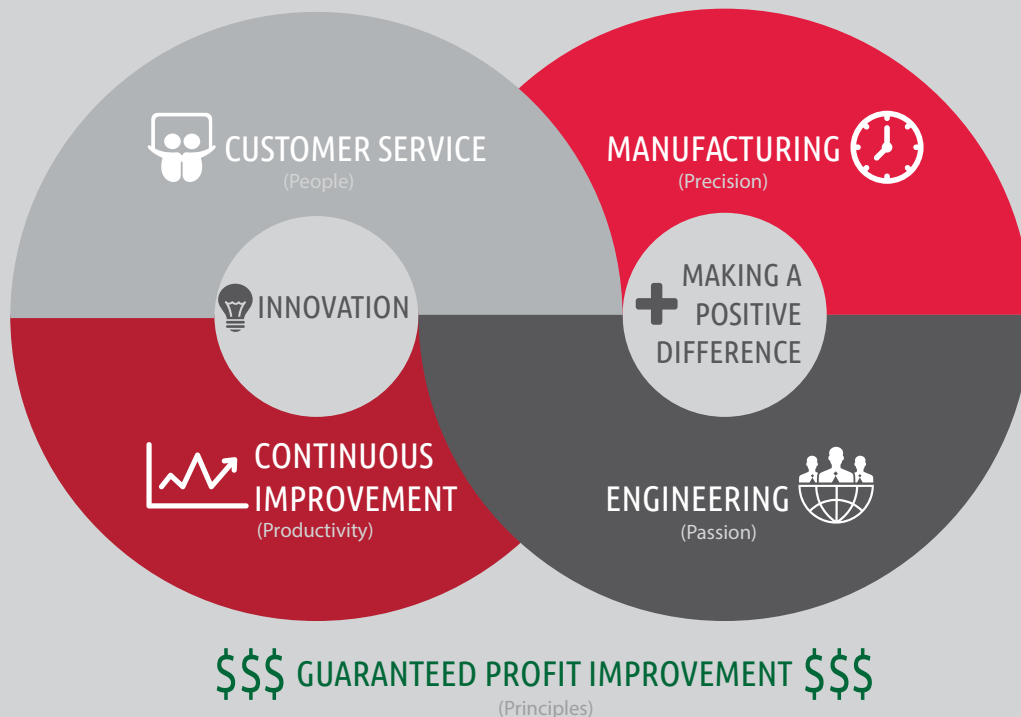


+ MAKE A POSITIVE DIFFERENCE TODAY!

COMPANY NEWS

FAST PROVEN PROCESS

We recently spent time improving upon our FAST Proven Process to ensure that we are providing the Best Total Solution for you with Guaranteed Profit Improvement. Check out our FAST Proven Process below, which includes Customer Service, Engineering, Manufacturing, Continuous Improvement and Innovation.



CUSTOMER SERVICE

- Lead Investigation
- FAST Quote Process
- Friendly Service

ENGINEERING

- Proven Designs
- Fully Engineered
- Technical Service

MANUFACTURING

- Consistent Quality
- Flexible Lead Times
- Delivered On Time

CONTINUOUS IMPROVEMENT

- Technical Field Support
- Performance Improvements
- Maximum Removal,
Minimal Energy

INNOVATION

- Product Development
- Web Tools
- Training

WEB TOOLS

SERIES EXPORTER

We're adding new EDP's every single day to our tool series. To ensure that you have access to the latest, up-to-date list we have created the Series Exporter. This web tool allows you to select your tool series and we'll email you an Excel spreadsheet of all available EDP's for that series with tool specifications and list pricing instantly.



CLICK HERE TO GENERATE YOUR
FIRST SERIES EXPORT NOW!

The screenshot shows the Fullerton Series Exporter web tool interface. At the top is the Fullerton logo and navigation links: ABOUT, PRODUCTS, RESOURCES, INDUSTRY, QUOTE, CAREERS, CONTACT. Below this is a secondary navigation bar with links: Dashboard, Utilities, FAST Quote, Quotes, LIVE Chat Online, and Account Support. The main heading is "Extractor". Below the heading is a checkbox labeled "With Pricing" and a green button labeled "Walk me through this!". There are four input fields: "Series:" with a dropdown menu showing "Select A Series", "Group By Coating:" with a dropdown menu showing "No", "Measurement:" with a dropdown menu showing "Imperial", and "Email:" with a text input field showing "Email". A blue "Submit" button is located below the email field.

FULCOAT 20 (FC-20) COATING

Our Fulcoat 20 (FC-20) coating is the latest coating we have added at our new coating center. FC-20 is our preferred coating for our advanced performance end mills because of its low coefficient of friction. The low coefficient of friction allows operators to run our FC-20 coated end mills with higher surface speeds and significantly lower operating cutting temperatures.

GREAT FOR USE IN:

- Hardened Steels > 48 RC
- Steels
- Stainless Steels
- Super Alloys
- Titanium



FEATURE COATING

FEATURE TESTIMONIAL



"If I was to compare Fullerton to other suppliers that we have from a scale of 1 to 10, they are a 10 at being excellent. Their customer support, their online services, any time you call the office here you get quick answers and responses, you couldn't ask for better." - Phillip Petty, Mahar Tool

CONTACT US



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NEW FLYERS

Our flyers are receiving a makeover to be more user friendly for you! Our new flyers have quick references for recommended materials and industries, as well as easy-to-read icons for product specifications.

Product EDP's will no longer be found on the product flyers. We recommend using our **Series Exporter** tool on the website for the latest, most up-to-date list of available EDPs.

FULLERTON
Tool Company Inc.



FANTOM 2.0

Increase Tool Life by up to 30% with Fullerton's
Fantom 2.0 End Mill



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www.fullertontool.com

CLICK HERE TO DOWNLOAD A FLYER