



# Driving Quality & Production for Your Bottom Line



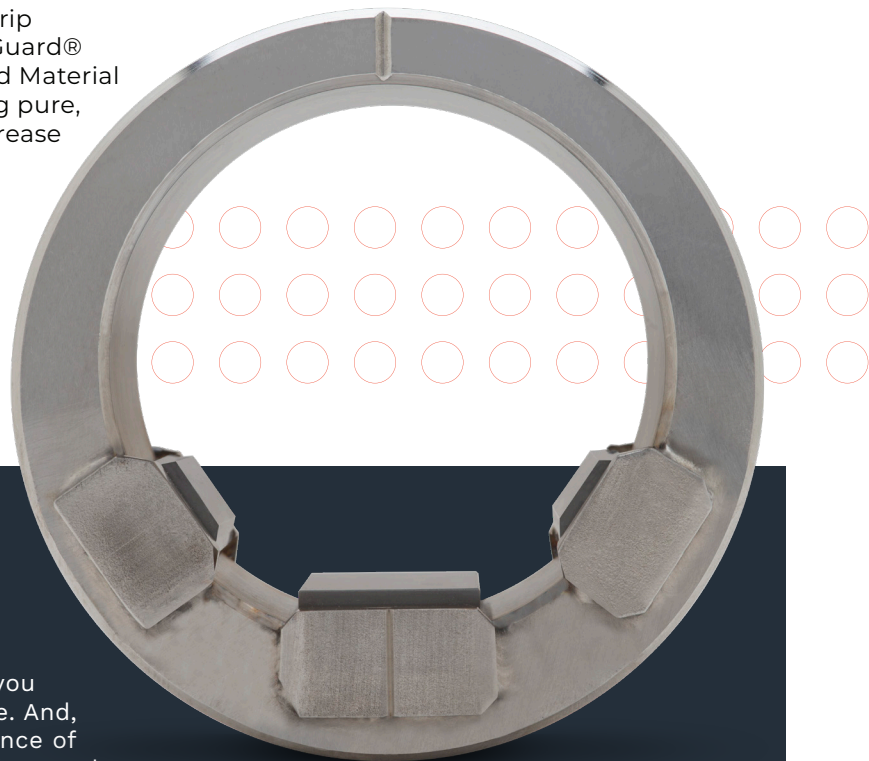
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## Constant interruptions to your production line can eat into your profits

That's why the world's leading galvanized steel strip manufacturers trust the confidence of the WearGuard® Ceramic Bearing System from McDanel Advanced Material Technologies – the industry standard in delivering pure, precise and optimal performance to help you increase sales and achieve real cost reductions.

The WearGuard System changes everything – helping you unlock higher operational efficiency, keeping your strip running smoothly for longer periods, with minimal wear and enhanced stability. That means longer campaigns, increased output of superior products and reduced costs.



## The Unrivaled Solution for Uninterrupted Performance

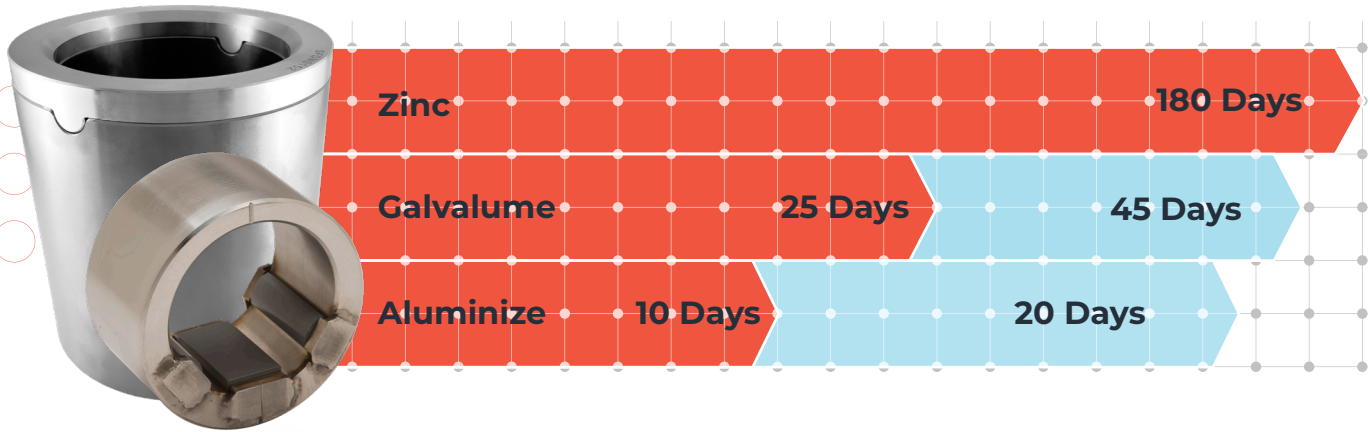
WearGuard delivers long-lasting bearings, roll journal protection, and thrust technology to give you a competitive edge by maximizing production time. And, with superior geometric stability and wear resistance of WearGuard Ceramic Bearings, housed within our patented design, deliver unparalleled consistency in the performance of your stabilizer rolls.

**That means your operation will benefit from a variety of mission-critical benefits giving you a distinct competitive advantage, including:**

- 001 Longer life compared to conventional bearings – reducing bearing changes and more uptime
- 002 Less wear and greater stability mean more efficient operation and reduced strip vibration
- 003 Smooth, low-friction start-ups and easy restarts after line stoppages across a range of strip gauges
- 004 Dimensional stability ensures consistent performance over time
- 005 Extreme corrosion resistance – galvanized, aluminized and galvalume applications – maintaining bearing integrity and longevity in harsh environments
- 006 The power to withstand high tension loads, making them suitable for a wide range of line operating conditions and industrial applications
- 007 Excellent thermal shock resistance, eliminating the need for pre-heating or special caution during removal from the pot between campaigns

## WearGuard® and InX™ – The World's Leading Production Solution

Together, WearGuard and InX increases the life of your campaigns by reducing production stops and allowing you to run at higher speeds with low-friction and faster start-ups.

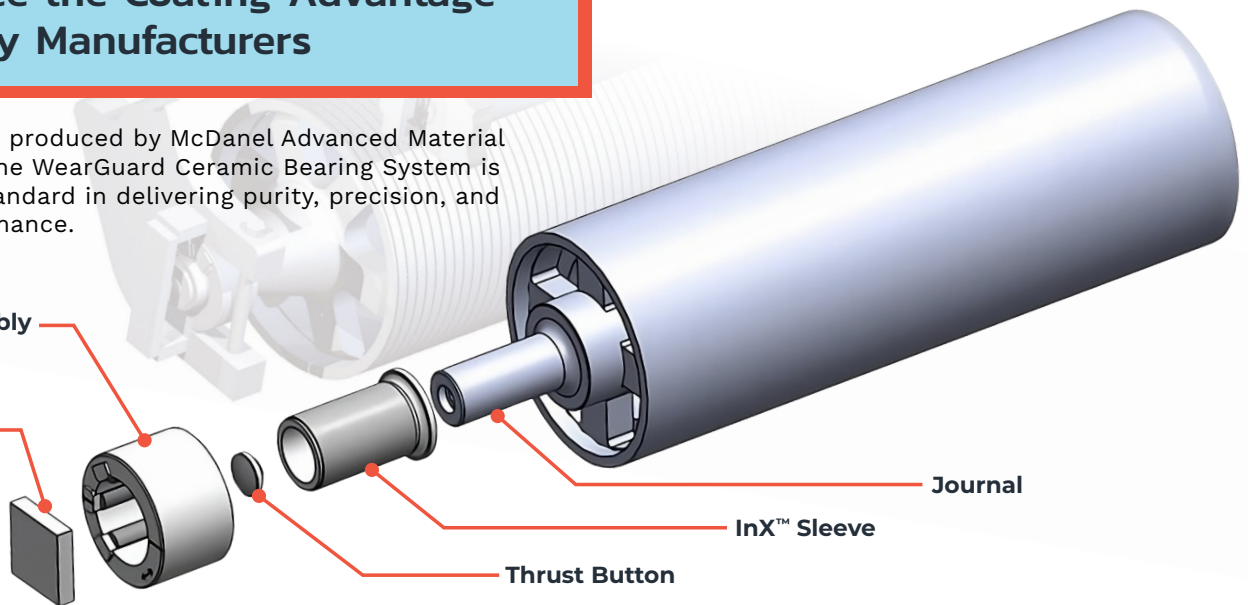


## Experience the Coating Advantage Trusted by Manufacturers

Engineered and produced by McDanel Advanced Material Technologies, the WearGuard Ceramic Bearing System is the industry standard in delivering purity, precision, and optimal performance.

**WearGuard®  
Bearing Assembly**

**WearGuard®  
Thrust Bearing**



With more than a century of excellence in delivering superior products, engineered solutions and dedicated service, McDanel is focused on guarding your business – helping you establish new benchmarks for continuous operations, savings on long-term operational costs and driving uptime so your customers get the superior products they need.

**If your operations demand performance and results, then Demand McDanel.**

Upgrade with ease today with our seamless transition process designed to prolong the lifespan of your current assets and help you grow your business.

**Contact us at 724.843.8300 or  
[sales@mcdanelceramics.com](mailto:sales@mcdanelceramics.com).**



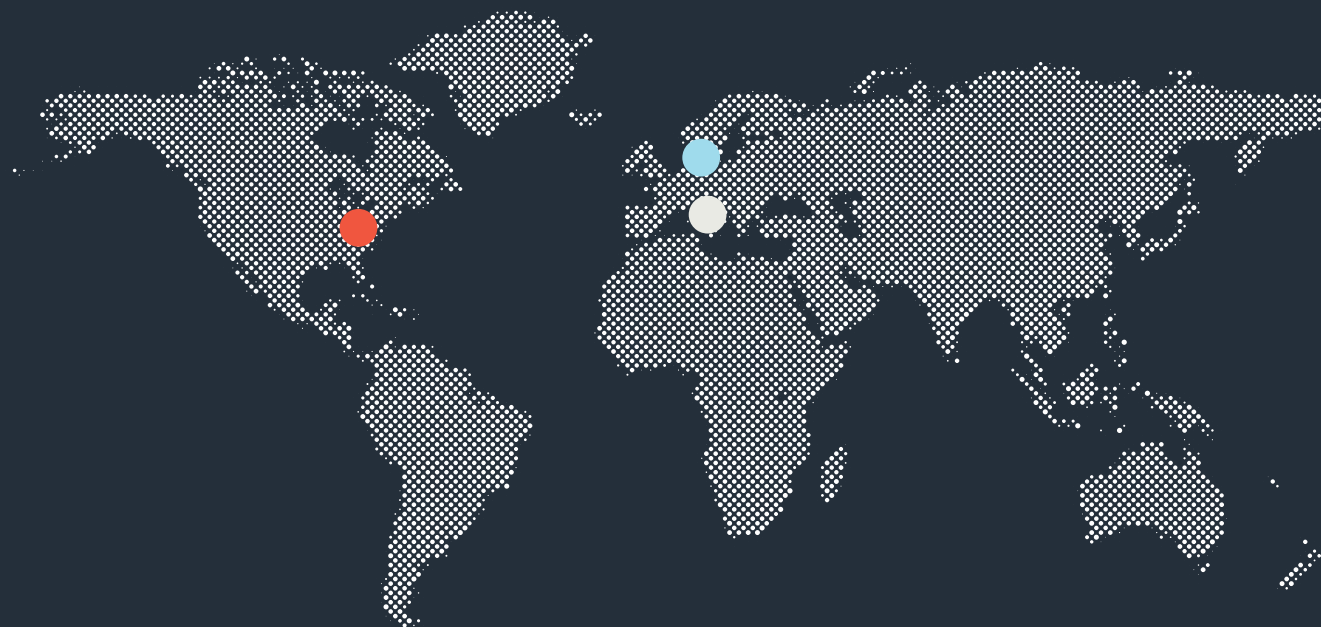
# McDANEL

Advanced Material Technologies

[mcdanelceramics.com](http://mcdanelceramics.com)

## Learn More

Talk to one of our experienced sales engineers today to learn how WearGuard Bearings can make a difference in your operation.



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