

TRU TEMP® *STAINLESS*

MID-TEMPERATURE BLACK OXIDE
FOR STAINLESS STEEL



TRU TEMP® *STAINLESS*

Low Temperature.

Low Caustic Content.

High Performance.

High Quality Stainless Black Oxide.



BIRCHWOOD®
TECHNOLOGIES

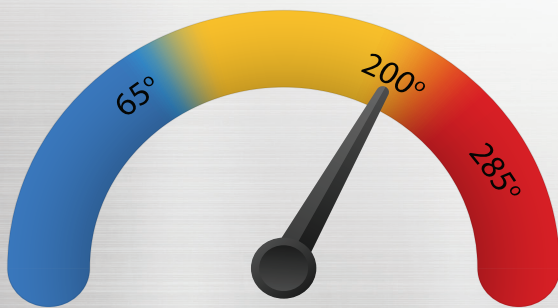
TRU TEMP® *STAINLESS*

MID-TEMPERATURE BLACK OXIDE FOR STAINLESS STEEL



CLEAN & SMUT FREE FINISH

- **TRU TEMP® Stainless** Black Oxide for stainless steel forms a black magnetite finish when applied on any stainless steel parts.
- The **TRU TEMP® Stainless** process operates effectively at 200° to 210° F, much lower than traditional hot black oxide at 250-260° F.
- Creates a protective black finish - 0.000020" (1 micron) thick, with an attractive satin black appearance equal to that of hot black oxide.
- This robust coating is MIL-DTL-13924 Class 4 compliant.



200° – 210°F TEMP

Operates at an optimum 200° – 210°F temperature range making it easy to use in-house and operator friendly. Other stainless black oxides operate at a much higher temp range between 250° – 260°F, making **TRU TEMP® Stainless** preferred finish as it never reaches boiling/splattering temp.

CONTAINS ZERO CHROME & IS LESS CAUSTIC

- **TRU TEMP® Stainless** Zero Chrome in the formulation vs competition who have potassium dichromate added.
- **30-40%** less caustic content than other products on the market.

ZERO

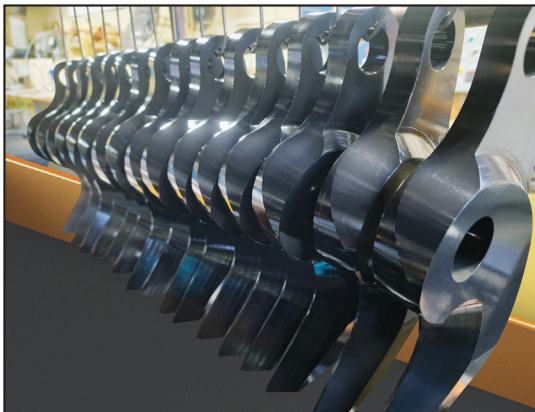


FINISHES 200, 300, 400 SERIES AND 17-4 PH STAINLESS STEEL



FINISHING PARTS IS FAST

The most common finishing line configuration completes the blackening in under an hour in a seven-step process which includes: clean, rinse, activation, rinse, blackening, rinse, and sealing. Alternate process designs can be accommodated for most workflows.



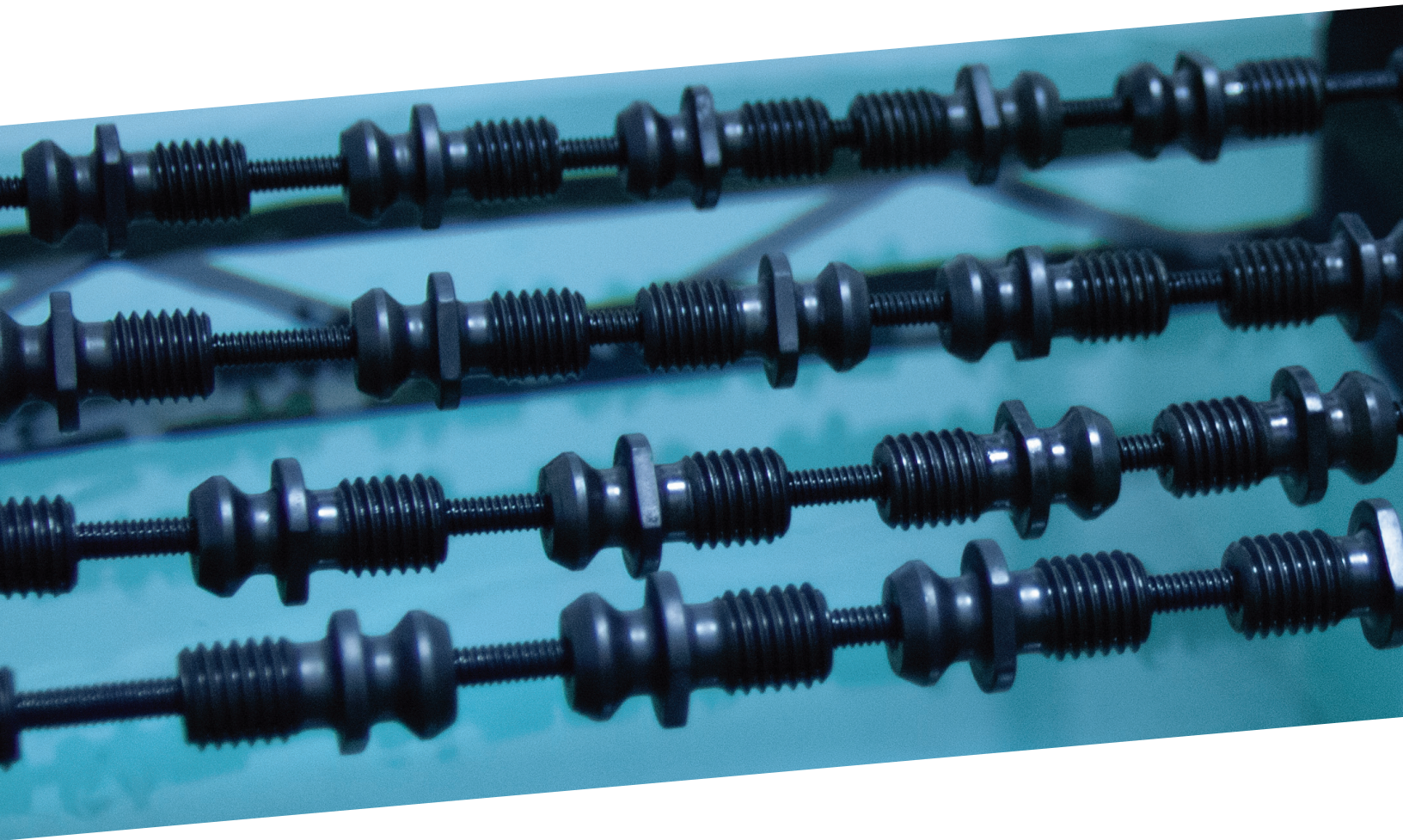
"THEY GOT IT RIGHT"

"We tried many ways to black oxide stainless steel but always fell short. But Birchwood got it right – it's dynamite", stated Steve D'Alfonzo, president of American Metaseal. "Zach Johnson at Birchwood is so helpful and got us going with the new Tru Temp Stainless black oxide and it has helped us pick up new customers."

Let us test finish your parts. Call 952-937-7931



With nearly **75 years** of premier manufacturing expertise, Birchwood Technologies is the industry leader in metal finishing processes and systems. Our talented group of chemists and technical support professionals in-field and in-house, enable us to build on our technology breakthroughs – from Tru Temp® Stainless Steel, Tru Temp® 2nd Gen to Presto Black® SSB, Dri-Touch®, Presto Black® Oxide, and so many others.



Contact Birchwood Technologies for more information
and **FREE** Sample testing of your components.

birchwoodtechnologies.com PH 952-937-7931