



Fisher Barton's FluxFuse® coating process provides a high thermal conductivity ensuring fast heating and uniformity during the heat-treating process. This revolutionary process fuses the tungsten carbide wear coatings better than traditional methods, resulting in stronger metallurgical bonds and reduced distortion.

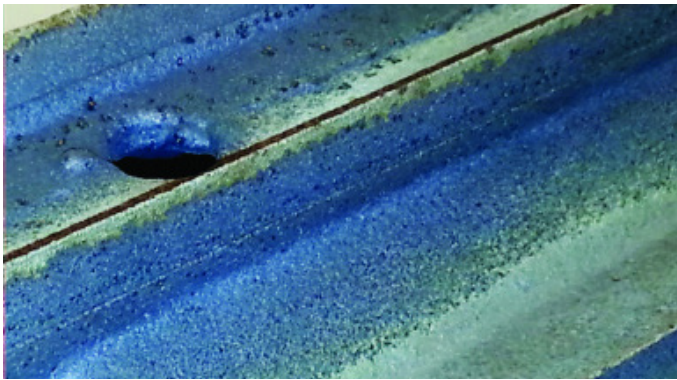


To reduce part distortion and produce a higher quality component more cost effectively, engineers in our dedicated Technology Center developed our proprietary FluxFuse coating. Capable of fusing coatings with melting points up to 2050F (such as Fe-based and WC/Ni materials).

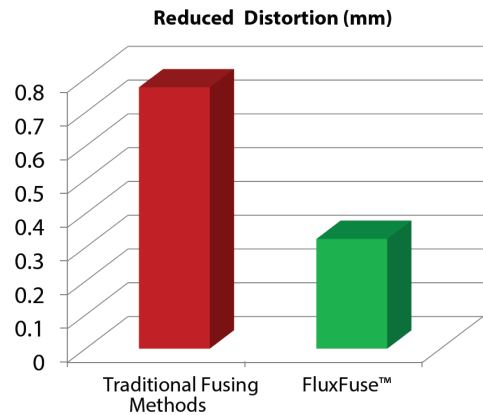
Fisher Barton's FluxFuse

- High thermal conductivity ensures fast heating and uniformity in the heat process.
- The FluxFuse coating process is in-line with the austempering process, which allows components to be heated only once. This greatly aids in reducing distortion.
- The in-line process also reduces part handling as the racked parts travel through both the FluxFuse coating bath and the austempering process.
- The metallurgical bond of the coating is enhanced due to the protective environment the flux bath creates and its ability to isolate the hot parts from any oxygen.

Why our solution is unique?



Superior fusing exhibited by a small amount of "flow". The Fluxfuse coating has reached its brazing temperature and is metallurgically bonded to the part.



Proprietary FluxFuse coating can reduce distortion by 58% and improves cost efficiency while increasing component performance and durability.