

Coating Thickness: **Nickel-Cobalt Alloy**

ASTM B568 Standard Test Method for Measurement of Coating Thickness by X-Ray Spectrometry

One of the biggest issues in critical bolting operations is inconsistent coating thickness in hand-sprayed and painted threads. If consistency isn't maintained, the coating will interfere with the fit and function of the threads and require undersizing or overtapping, another time-consuming and money-wasting solution that can be prevented with a more controlled coating process.

This test evaluates the consistency of our electroplating process. Using fluorescent X-rays, we identify the thickness and composition of our Nickel-Cobalt alloy in every crest and valley of the thread. Our goal is to make sure the entire bolt is as evenly coated as possible for maximum protection and optimal consistency. This test is another way Doxsteel Fasteners are designed to save time, money, and lives.



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