



elliott manufacturing



March 21, 2018

Dear Valued Customer:

As you're likely aware, the overall availability of AISI 11L41 cold drawn steel bar stock has severely diminished. Steel mills have identified the RoHS directive for lead content and complex high-scrap/low-yield manufacturing processes as key drivers. As a result, Elliott Manufacturing will substitute AISI 1141 in current and legacy assemblies that call for AISI 11L41.

Based on their shared physical and mechanical strength properties, Elliott Manufacturing has determined this substitution will not impact the form, fit, or function of assemblies formerly containing AISI 11L41. Nor will the use of AISI 1141 cold drawn steel components in previously tested top-level assemblies introduce any operational or system performance risk. The attached test report supports our findings. [Please reference this data](#) as you investigate approval of our use of 1141 cold rolled steel in place of 11L41.

AISI 1141 cold drawn steel will be specified for all future designs. Legacy component prints will be formally updated as needed to reflect the raw material change to AISI 1141 cold drawn steel.

If you have questions regarding these changes, please contact Elliott Manufacturing Customer Service at (607) 772-0404.

Sincerely,

Vince Cook

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