

<b>Material Type:</b>	Nickel-Chromium-Molybdenum Alloy (UNS Designation N06022) <sup>1</sup>
<b>Dimensions:</b>	<b>ASTM Tube Sizes:</b> <ul style="list-style-type: none"> <li>• 1/4" to 3/4" (6.35mm to 19.05mm)</li> </ul>
<b>Reference Documents:</b>	<b>ASTM:</b> B 622
<b>Manufacturing Method &amp; Mechanical Properties:</b>	Seamless Tensile Strength 110 ksi (758.4 MPa) minimum.
<b>Tolerances:</b>	<b>Outside Diameter:</b> ±.005" <b>Wall Thickness:</b> +12.5% / -25.0%
<b>Interior Surface Finish:</b>	<b>I.D. Surface Roughness Options:</b> <ul style="list-style-type: none"> <li>• 5 micro-inches Ra max.</li> <li>• 10 micro-inches Ra max.</li> </ul>
<b>O.D. Surface:</b>	Standard outside diameter finish (may exhibit minor surface imperfections)
<b>Weld Ends:</b>	Square ends suitable for orbital welding
<b>Testing &amp; Inspection:</b>	<ul style="list-style-type: none"> <li>• Visual inspection</li> <li>• Surface roughness measurement</li> <li>• Dimensional inspection</li> <li>• Scanning Electron Microscopy (SEM)</li> </ul>
<b>Marking &amp; Traceability:</b>	Each component is traceable to its producing mill and heat by an identification number etched on the tube.
<b>Labeling:</b>	Each bag is affixed with a label identifying the part number, date and Valex lot number.
<b>Documentation:</b>	A Quality Inspection Certificate is furnished with each shipment. The report contains the following information: <ul style="list-style-type: none"> <li>a. Material composition &amp; applicable specification designation</li> <li>b. Nominal outside diameter size</li> <li>c. Chemical composition</li> <li>d. Statement of quality assurance testing</li> <li>e. Inspection Certificate type 3.1 per EN 10204:2004</li> <li>f. Lot &amp; heat identification for traceability</li> </ul>
<b>Packaging:</b>	Purged with UHP nitrogen, capped, bagged and packaged for shipment in such a manner which prevents damage to product and primary-product packaging.

<sup>1</sup> Haynes Hastelloy® C-22® is available upon request. Hastelloy and C-22 are registered trademarks of Haynes International Inc. SP-9241