### Material Type:
Nickel-Chromium-Molybdenum Alloy
UNS Designation N06022

### Dimensions:
**ASTM Tube Sizes:**
- 1/4" to 3/4"
  - (6.35mm to 19.05mm)

### Reference Documents:
ASTM: B 622

### Manufacturing Method & Mechanical Properties:
Seamless
Tensile Strength 110 ksi (758.4 MPa) minimum.

### Tolerances:
- **Outside Diameter:** ± .005"
- **Wall Thickness:** +12.5% / -25.0%

### Interior Surface Finish:
**I.D. Surface Roughness Options:**
- 5 micro-inches Ra max.
- 10 micro-inches Ra max.

### O.D. Surface:
Standard outside diameter finish (may exhibit minor surface imperfections)

### Weld Ends:
Square ends suitable for orbital welding

### Testing & Inspection:
- Visual inspection
- Surface roughness measurement
- Dimensional inspection
- Scanning Electron Microscopy (SEM)

### Marking & Traceability:
Each component is traceable to its producing mill and heat by an identification number etched on the tube.

### Labeling:
Each bag is affixed with a label identifying the part number, date and Valex lot number.

### Documentation:
A Quality Inspection Certificate is furnished with each shipment. The report contains the following information:
- Material composition & applicable specification designation
- Nominal outside diameter size
- Chemical composition
- Statement of quality assurance testing
- Inspection Certificate type 3.1 per EN 10204:2004
- Lot & heat identification for traceability

### Packaging:
Purged with UHP nitrogen, capped, bagged and packaged for shipment in such a manner which prevents damage to product and primary-product packaging.

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