

# Brammer Standard Company, Inc.

## Data Sheet for Setting-up Material

### BS SU 321A

#### AISI 321 Grade Stainless Steel

(UNS Number S32100)

**Estimated  
Analysis**

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Analysis**

Analysis listed as percent by weight

<b>C</b>	<b>0.046</b>	<b>B</b>	<b>0.0005</b>
<b>Mn</b>	<b>1.77</b>	<b>Ca</b>	<b>0.0003</b>
<b>P</b>	<b>0.024</b>	<b>Co</b>	<b>0.052</b>
<b>S</b>	<b>0.020</b>	<b>Nb</b>	<b>0.014</b>
<b>Si</b>	<b>0.38</b>	<b>Pb</b>	<b>&lt;0.001</b>
<b>Cu</b>	<b>0.67</b>	<b>Sb</b>	<b>&lt;0.01</b>
<b>Ni</b>	<b>9.09</b>	<b>Sn</b>	<b>0.008</b>
<b>Cr</b>	<b>17.40</b>	<b>Ti</b>	<b>0.53</b>
<b>Mo</b>	<b>0.25</b>	<b>V</b>	<b>0.10</b>
<b>Al</b>	<b>0.10</b>	<b>W</b>	<b>0.04</b>
<b>As</b>	<b>0.004</b>	<b>Zr</b>	<b>&lt;0.001</b>

The above chemistry is supplied as an approximate guide to the composition and must not be regarded as the certified analysis. This material may be used for instrument drift control. It is suitable for Spark Atomic Emission Spectrometers only. Avoid sparking the center of the material. It must not be used for instrument calibration. The bar diameter is 38 mm and thickness is 40 mm.

This material has been studied for homogeneity and was found to be suitable for use as a setting-up material.

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**Brammer Standard Company, Inc., 14603 Benfer Road, Houston, TX 77069-2895**  
**Telephone (281) 440-9396 Fax (281) 440-4432 [www.brammerstandard.com](http://www.brammerstandard.com)**  
**email: [contact@brammerstandard.com](mailto:contact@brammerstandard.com)**