

# Brammer Standard Company, Inc.

## Data Sheet for Setting-up Material

### BS 02H

#### AISI 1045 Grade Carbon Steel

Estimated  
Analysis

Estimated  
Analysis

Analysis listed as percent by weight

<b>C</b>	<b>0.49</b>	<b>Ca</b>	<b>0.0012</b>
<b>Mn</b>	<b>0.75</b>	<b>Co</b>	<b>0.007</b>
<b>P</b>	<b>0.007</b>	<b>Nb</b>	<b>&lt;0.001</b>
<b>S</b>	<b>0.028</b>	<b>Pb</b>	<b>&lt;0.001</b>
<b>Si</b>	<b>0.19</b>	<b>Sb</b>	<b>&lt;0.001</b>
<b>Cu</b>	<b>0.21</b>	<b>Sn</b>	<b>0.016</b>
<b>Ni</b>	<b>0.17</b>	<b>Ta</b>	<b>&lt;0.001</b>
<b>Cr</b>	<b>0.11</b>	<b>Ti</b>	<b>&lt;0.001</b>
<b>Mo</b>	<b>0.026</b>	<b>V</b>	<b>0.029</b>
<b>Al</b>	<b>&lt;0.001</b>	<b>W</b>	<b>&lt;0.001</b>
<b>As</b>	<b>0.006</b>	<b>Zr</b>	<b>&lt;0.001</b>
<b>B</b>	<b>0.0004</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 150 mm in length.

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

Data Sheet Number 02H-102109

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