

Brammer Standard Company, Inc.

Data Sheet for Setting-up Material

BS 02F

AISI Grade 1045 Plain Carbon Steel

Estimated
Analysis¹

Estimated
Analysis¹

Analysis listed as percent by weight

C	0.475	As	0.005
Mn	0.83	Ca	0.0005
P	0.020	Co	0.007
S	0.030	N	0.0075
Si	0.253	O	0.0008
Cu	0.185	Sn	0.009
Ni	0.066	Ti	0.002
Cr	0.149	V	0.008
Mo	0.023	Zr	0.002
Al	0.026	W	0.002
Nb	0.002	B	<0.0002
Sb	<0.002	Mg	0.00015
Pb	<0.0007		

¹ The above chemistry is supplied as an approximate guide to the composition and must not be regarded as the certified analysis. The analysis is based on the results of a Proficiency Testing Program. According to ASTM Standard Practice E 2027, the data from proficiency testing programs must never be used to assign certification values to the materials used in the program. This material may be used for instrument drift control. It must not be used for instrument calibration.

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

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