

BRAMMER STANDARD COMPANY, INC.

Provisional Certificate of Analysis BS 33F

Certified Reference Material for S-1 MOD Tool Steel

	Estimated Analysis ¹		Estimated Analysis ¹
Analysis listed as percent by weight			
Al	0.020	Ni	0.21
As	0.003	O	<0.005
B	<0.005	P	0.014
C	0.57	Pb	<0.005
Co	0.016	S	0.002
Cr	1.32	Sb	<0.05
Cu	0.039	Si	0.77
Fe	[93.97]	Sn	0.005
Mn	0.29	Ti	<0.005
Mo	0.20	V	0.25
N	0.011	W	2.26
Nb	<0.005	Zr	<0.005

¹ The estimated value listed is the present best estimate of the true value. Values are given in weight percent.

Form: This CRM is machined in the form of a disc approximately 38 mm in diameter and 19 mm thick by Brammer Standard Company, Inc.

A detailed final certificate of analysis will be supplied by June 28, 2021.