

# BRAMMER STANDARD

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## LEADED AND BISMUTH TREATED STEEL

Part Number: **BS-PB-BI-7** Set of 7 0.27" (7 mm ±0.7 mm) THICK DISCS

Grade	Number	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Al	Bi	Pb	Sn	V	N
11L17	BS 75F	0.165	1.05	0.009	0.116	0.004	0.030	0.04	0.08	0.018	(0.002)	----	0.202	----	----	----
12L14	BS 74B	0.08	0.91	0.087	0.316	0.002	0.006	0.012	0.019	0.008	(0.002)	----	0.34	----	----	----
41L40	BS 70B	0.40	0.90	0.009	0.022	0.27	0.13	0.25	1.00	0.205	(0.024)	----	0.135	----	----	----
41L50	BS 72B	0.497	0.87	0.029	0.029	0.26	0.21	0.17	0.98	0.19	0.020	----	0.174	0.014	0.004	0.0081
4140 + Bi & S	BS 4140A	0.40	0.84	0.021	0.076	0.21	0.15	0.15	0.97	0.16	0.016	0.105	(0.001)	0.011	0.004	0.0098
4150 + Bi & S	BS 4150 MOD	0.47	0.90	0.024	0.079	0.21	0.19	0.15	1.01	0.21	0.012	0.070	0.0010	0.013	0.008	0.0087
8620 + Bi & S	BS 8620A	0.184	0.80	0.008	0.079	0.21	0.15	0.44	0.48	0.16	0.016	0.073	(0.001)	0.009	0.004	0.0107

Certificates of Analysis are supplied for each certified reference material listed in the set.