

005 Approximate Brinell-Rockwell B Hardness Conversion Numbers for Austenitic Stainless Steel Plate

Rockwell B Scale
100 kgf 1/16" Ball

Brinell Hardness
3000 kgf 10mm Ball

HRB**HBS**

100	256
99	248
98	240
97	233
96	226
95	219
94	213
93	207
92	202
91	197
90	198
89	187
88	183
87	178
86	174
85	170
84	167
83	163
82	160
81	156
80	153
79	150
78	147
77	144
76	142
75	139
74	137
73	135
72	132
71	130
70	128
69	126
68	124
67	122
66	120
65	118
64	116
63	114
62	113
61	111
60	110

References:

Hardness Testing ASM International Metals Park OH 1987

ASTM Designation E140-12b