



# HSM Wire International, Inc

Ph: 330-244-8501 Fax: 330-244-8561

www.hsmwire.com

## Hardness Conversion Chart for Austenitic Stainless Steel Sheet (Rockwell B Range)

HRB	HRA	HRF	HR15T	HR30T	HR45T
100	61.5		91.5	80.4	70.2
99	60.9		91.2	79.8	69.2
98	60.3		90.8	79.1	68.2
97	59.7		90.4	78.4	67.2
96	59.1		90.1	77.7	66.1
95	58.6		89.7	77	65.1
94	58		89.3	76.3	64.1
93	57.4		88.9	75.6	63.1
92	56.8		88.6	74.9	62.1
91	56.2		88.2	74.2	61.1
90	55.6		87.8	73.5	60.1
89	55		87.5	72.8	59
88	54.5		87.1	72.1	58
87	53.9		86.7	71.4	57
86	53.3		86.4	70.7	56
85	52.7		86	70	55
84	52.1		85.6	69.3	54
83	51.5		85.2	68.6	52.9
82	50.9		84.9	67.9	51.9
81	50.4		84.5	67.2	50.9
80	49.8		84.1	66.5	49.9
79	49.2	99.6	83.8	65.8	48.9
78	48.6	99	83.4	65.1	47.9
77	48	98.3	83	64.5	46.8
76	47.4	97.6	82.6	63.7	45.8

The Austenitic Stainless Steel Sheet included in the original testing was as follows: Types 201, 202, 301, 302, 304, 304L, 305, 316, 316L, 321 and 347

\*\*To be used as a guideline only

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## Hardness Conversion Chart for Austenitic Stainless Steel Sheet (Rockwell B Range)

HRB	HRA	HRF	HR15T	HR30T	HR45T
75	46.9	96.9	82.3	63.1	44.8
74	46.3	96.2	81.9	62.4	43.8
73	45.7	95.6	81.5	61.7	42.8
72	45.1	94.9	81.2	61	41.8
71	44.5	94.2	80.8	60.3	40.7
70	43.9	93.5	80.4	59.6	39.7
69	43.4	92.9	80.1	58.9	38.7
68	42.8	92.2	79.7	58.2	37.7
67	42.2	91.5	79.3	57.5	36.7
66	41.6	90.8	78.9	56.8	35.7
65	41	90.1	78.6	56.1	34.7
64	40.4	89.5	78.2	55.4	33.6
63	39.8	88.8	77.8	54.7	32.6
62	39.3	88.1	77.5	54	31.6
61	38.7	87.4	77.1	53.3	30.6
60	38.1	86.8	76.7	52.6	29.6

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