

INDUSTRY

APPROXIMATIVE HARDNESS CONVERSION TABLE

Vickers Hardness HV F ³ 98,1 N	Brinell Hardness HB	Rockwell A Hardness HRA	Rockwell B Hardness HRB	Rockwell C Hardness HRC	UTS (N/mm ² , MPa)	Vickers Hardness HV F ³ 98,1 N	Brinell Hardness HB	Rockwell A Hardness HRA	Rockwell C Hardness HRC	UTS (N/mm ² , MPa)
80	76.0	-	-	-	260	350	332.5	68.1	35.5	1160
85	80.7	-	-	-	280	360	342.0	68.7	36.6	1190
90	85.5	-	-	-	300	370	351.5	69.2	37.7	1220
95	90.2	-	-	-	310	380	361.0	69.8	38.8	1260
100	95.0	-	-	-	330	390	370.5	70.3	39.8	1290
105	99.8	-	-	-	350	400	380.0	70.8	40.8	1320
110	104.5	-	62.0	-	360	410	389.5	71.4	41.8	1360
115	109.3	-	64.6	-	380	420	399.0	71.8	42.7	1390
120	114.0	-	67.0	-	400	430	408.5	72.0	43.6	1420
125	118.8	-	69.0	-	410	440	418.0	72.3	44.5	1450
130	123.5	-	71.0	-	430	450	423.0	73.3	45.3	1490
135	128.3	-	73.1	-	450	460	432.0	73.6	46.1	1520
140	133.0	-	75.1	-	460	470	442.0	74.1	46.9	1550
145	137.8	-	77.0	-	480	480	450.0	74.5	47.7	1590
150	142.5	-	78.8	-	500	490	456.0	74.9	48.4	1620
155	147.3	-	80.5	-	510	500	466.0	75.3	49.1	1650
160	152.0	-	82.1	-	530	510	475.0	75.7	49.8	1680
165	156.8	-	83.5	-	550	520	483.0	76.1	50.5	1720
170	161.5	-	85.0	-	560	530	492.0	76.4	51.1	1750
175	166.3	-	86.1	-	580	540	500.0	76.7	51.7	1790
180	171.0	-	87.3	-	590	550	509.0	77.0	52.3	1820
185	175.8	-	88.5	-	610	560	517.0	77.4	53.0	1850
190	180.5	-	89.6	-	630	570	526.0	77.8	53.6	1880
195	185.3	-	90.7	-	640	580	535.0	78.0	54.1	1920
200	190.0	-	91.8	-	660	590	543.0	78.4	54.7	1950
205	194.8	-	92.8	-	680	600	552.0	78.6	55.2	1980
210	199.5	-	93.7	-	690	610	560.0	78.9	55.7	2020
215	204.3	-	94.6	-	710	620	569.0	79.2	56.3	2050
220	209.0	-	95.5	-	730	630	577.0	79.5	56.8	2080
225	213.8	-	96.3	-	740	640	586.0	79.8	57.3	2120
230	218.5	-	-	-	760	650	-	80.0	57.8	2140
235	223.3	-	-	-	780	660	-	80.3	58.3	-
240	228.0	60.7	-	20.3	790	670	-	80.6	58.8	-
245	232.8	61.2	-	21.3	810	680	-	80.8	59.2	-
250	235.5	61.6	-	22.2	830	690	-	81.1	59.7	-
255	242.2	62.0	-	23.1	840	700	-	81.3	60.1	-
260	247.0	62.4	-	24.0	860	720	-	81.8	61.0	-
265	251.7	62.7	-	24.8	880	740	-	82.2	61.8	-
270	256.5	63.1	-	25.6	890	760	-	82.6	62.5	-
275	261.2	63.5	-	26.4	910	780	-	83.0	63.3	-
280	266.0	63.8	-	27.1	930	800	-	83.4	64.0	-
285	270.7	64.2	-	27.8	950	820	-	83.8	64.7	-
290	275.5	64.5	-	28.5	960	840	-	84.1	65.3	-
295	280.2	64.8	-	29.2	970	860	-	84.4	65.9	-
300	285.0	65.2	-	29.8	990	880	-	84.7	66.4	-
310	294.5	65.8	-	31.0	1030	900	-	85.0	67.0	-
320	304.0	66.4	-	32.2	1060	920	-	85.3	67.5	-
330	313.5	67.0	-	33.3	1090	940	-	85.6	68.0	-
340	323.0	67.6	-	34.4	1120	-	-	-	-	-

Please contact our office for any additional information or documentation. Dimensional information and technical drawings in this document are for reference only. Some of the product characteristics indicated in this document may be modified at any time at the company's discretion. Our company is not responsible for the use of our products outside standards prescription and what our commercial documents are indicating.