

# 硬度换算表



Vickers Hardness HV F <sub>≥98,1 N</sub>	Brinell Hardness HB	Rockwell A Hardness HRA	Rockwell B Hardness HRB	Rockwell C Hardness HRC	UTS (N/mm <sup>2</sup> , MPa)	Vickers Hardness HV F <sub>≥98,1 N</sub>	Brinell Hardness HB	Rockwell A Hardness HRA	Rockwell C Hardness HRC	UTS (N/mm <sup>2</sup> , 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	73.6	46.1	1520
140	133.0		75.1		460	470	442	74.1	46.9	1550
145	137.8		77.0		480	480	450	74.5	47.7	1590
150	142.5		78.8		500	490	456	74.9	48.4	1620
155	147.3		80.5		510	500	466	75.3	49.1	1650
160	152.0		82.1		530	510	475	75.7	49.8	1680
165	156.8		83.5		550	520	483	76.1	50.5	1720
170	161.5		85.0		560	530	492	76.4	51.1	1750
175	166.3		86.1		580	540	500	76.7	51.7	1790
180	171.0		87.3		590	550	509	77	52.3	1820
185	175.8		88.5		610	560	517	77.4	53.0	1850
190	180.5		89.6		630	570	526	77.8	53.6	1880
195	185.3		90.7		640	580	535	78.0	54.1	1920
200	190.0		91.8		660	590	543	78.4	54.7	1950
205	194.8		92.8		680	600	552	78.6	55.2	2020
210	199.5		93.7		690	610	560	78.9	55.7	2020
215	204.3		94.6		710	620	569	79.2	56.3	2050
220	209.0		95.5		730	630	577	79.5	56.8	2080
225	213.8		96.3		740	640	586	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	60.7		20.3	790	670		80.6	58.8	
245	232.8	61.2		21.3	810	680		80.8	59.2	
250	236.5	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	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					

# APPROXIMATIVE HARDNESS CONVERSION TABLE

非合同性质文件

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