

ロックウェル硬さ Cスケール HRC	ビッカース硬さ HV	ブリネル硬さ HB		ロックウェル硬さ			ロックウェルスーパーフィシャル硬さ			シヨア硬さ HS	引張強さ N/mm ² (kgf/mm ²)	ロックウェル硬さ Cスケール HRC
		標準球	タングステン カーバイド球	Aスケール HRA	Bスケール HRB	Bスケール HRB	15-N HR15N	30-N HR30N	45-N HR45N			
68	940	-	-	85.6	-	76.9	93.2	84.4	75.4	97	-	68
67	900	-	-	85	-	76.1	92.9	83.6	74.2	95	-	67
66	865	-	-	84.5	-	75.4	92.5	82.8	73.3	92	-	66
65	832	-	(739)	83.9	-	74.5	92.2	81.9	72	91	-	65
64	800	-	(722)	83.4	-	73.8	91.8	81.1	71	88	-	64
63	772	-	(705)	82.8	-	73	91.4	80.1	69.9	87	-	63
62	746	-	(688)	82.3	-	72.2	91.1	79.3	68.8	85	-	62
61	720	-	(670)	81.8	-	71.5	90.7	78.4	67.7	83	-	61
60	697	-	(654)	81.2	-	70.7	90.2	77.5	66.6	81	-	60
59	674	-	(634)	80.7	-	69.9	89.8	76.6	65.5	80	-	59
58	653	-	615	80.1	-	69.2	89.3	75.7	64.3	78	-	58
57	633	-	595	79.6	-	68.5	88.9	74.8	63.2	76	-	57
56	613	-	577	79	-	67.7	88.3	73.9	62	75	-	56
55	595	-	560	78.5	-	66.9	87.9	73	60.9	74	2075(212)	55
54	577	-	543	78	-	66.1	87.4	72	59.8	72	2015(205)	54
53	560	-	525	77.4	-	65.4	86.9	71.2	58.5	71	1950(199)	53
52	544	(500)	512	76.8	-	64.6	86.4	70.2	57.4	69	1880(192)	52
51	528	(487)	496	76.3	-	63.8	85.9	69.4	56.1	68	1820(186)	51
50	513	(475)	481	75.9	-	63.1	85.5	68.5	55	67	1760(179)	50
49	498	(464)	469	75.2	-	62.1	85	67.6	53.8	66	1695(173)	49
48	484	451	455	74.7	-	61.4	84.5	66.7	52.5	64	1635(167)	48
47	471	442	443	74.1	-	60.8	83.9	65.8	51.4	63	1580(161)	47
46	458	432	432	73.6	-	60	83.5	64.8	50.3	62	1530(156)	46
45	446	421	421	73.1	-	59.2	83	64	49	60	1480(151)	45
44	434	409	409	72.5	-	58.5	82.5	63.1	47.8	58	1435(146)	44
43	423	400	400	72	-	57.7	82	62.2	46.7	57	1385(141)	43
42	412	390	390	71.5	-	56.9	81.5	61.3	45.5	56	1340(136)	42
41	42	381	381	70.9	-	56.2	80.9	60.4	44.3	55	1295(132)	41
40	392	371	371	70.4	-	55.4	80.4	59.5	43.1	54	1250(127)	40
39	382	362	362	69.9	-	54.6	79.9	58.6	41.9	52	1215(124)	39
38	372	353	353	69.4	-	53.8	79.4	57.7	40.8	51	1180(120)	38
37	363	344	344	68.9	-	53.1	78.8	56.8	39.6	50	1160(118)	37
36	354	336	336	68.4	(109)	52.3	78.3	55.9	38.4	49	1115(114)	36
35	345	327	327	67.9	(109)	51.5	77.7	55	37.2	48	1080(110)	35
34	336	319	319	67.4	(108)	50.8	77.2	54.2	36.1	47	1055(108)	34
33	327	311	311	66.8	(108)	50	76.6	53.3	34.9	46	1025(105)	33
32	318	301	301	66.3	(107)	49.2	76.1	52.1	33.7	44	1000(102)	32
31	310	294	294	65.8	(106)	48.4	75.6	51.3	32.7	43	980(100)	31
30	302	286	286	65.3	(106)	47.7	75	50.4	31.3	42	950(97)	30
29	294	279	279	64.7	(105)	47	74.5	49.5	30.1	41	930(95)	29
28	286	271	271	64.3	(104)	46.1	73.9	48.6	28.9	41	910(93)	28
27	279	264	264	63.8	(103)	45.2	73.3	47.7	27.8	40	880(90)	27
26	272	258	258	63.3	(103)	44.6	72.8	46.8	26.7	38	860(88)	26
25	266	253	253	62.8	(102)	43.8	72.2	45.9	25.5	38	840(86)	25
24	260	247	247	62.4	(101)	43.1	71.6	45	24.3	37	825(84)	24
23	254	243	243	62	100	42.1	71	44	23.1	36	805(82)	23
22	248	237	237	61.5	99	41.6	70.5	43.2	22	35	785(80)	22
21	243	231	231	61	98.5	40.9	69.9	42.3	20.7	35	770(79)	21
20	238	226	226	60.5	97.8	40.1	69.4	41.5	19.6	34	760(77)	20
(18)	230	219	219	-	96.7	-	-	-	-	33	730(75)	(18)
(16)	222	212	212	-	95.5	-	-	-	-	32	705(72)	(16)
(14)	213	203	203	-	93.9	-	-	-	-	31	675(69)	(14)
(12)	204	194	194	-	92.3	-	-	-	-	29	650(66)	(12)
(10)	196	187	187	-	90.7	-	-	-	-	28	620(63)	(10)
(8)	188	179	179	-	89.5	-	-	-	-	27	600(61)	(8)
(6)	180	171	171	-	87.1	-	-	-	-	26	580(59)	(6)
(4)	173	165	165	-	85.5	-	-	-	-	25	550(56)	(4)
(2)	166	158	158	-	83.5	-	-	-	-	24	530(54)	(2)
(0)	160	152	152	-	81.7	-	-	-	-	24	515(53)	(0)