

Sertlik Dönüşüm Tablosu

Çekme dayanımı		Brinell sertlik		Vickers sertlik	Rockwell sertlik	
N/mm ²	kp/mm ² (kgf/mm ²)	d(mm)	HB	HV	HRB	HRC
200	20.4	7.32	60	63		
210	21.4	7.22	62	65		
220	22.4	7.04	66	69		
225	22.9	6.99	67	70		
230	23.5	6.95	68	72		
240	24.5	6.82	71	75		
250	25.5	6.67	75	79		
255	26	6.63	76	80		
260	26.5	6.56	78	82		
270	27.6	6.45	81	85	41	
280	28.6	6.35	84	88	45	
285	29.1	6.28	86	90	48	
290	29.6	6.25	87	91	49	
300	30.6	6.19	89	94	51	
305	31.1	6.16	90	95	52	
310	31.6	6.10	92	97	54	
320	32.6	6.01	95	100	56	
330	33.7	5.93	98	103	58	
335	34.2	5.87	100	105	59	
340	34.7	5.83	102	107	60	
350	35.7	5.75	105	110	62	
360	36.7	5.70	107	113	63.5	
370	37.7	5.66	109	115	64.5	
380	38.7	5.57	113	119	66	
385	39.3	5.54	114	120	67	
390	39.8	5.50	116	122	67.5	
400	40.8	5.44	119	125	69	
410	41.8	5.38	122	128	70	
415	42.3	5.33	124	130	71	
420	42.8	5.32	125	132	72	
430	43.8	5.26	128	135	73	
440	44.9	5.20	131	138	74	
450	45.9	5.17	133	140	75	
460	46.9	5.11	136	143	76.5	
465	47.4	5.08	138	145	77	
470	47.9	5.05	140	147	77.5	
480	48.9	5.00	143	150	78.5	
490	50	4.96	145	153	79.5	
495	50.5	4.93	147	155	80	
500	51	4.90	149	157	81	
510	52	4.86	152	160	81.5	
520	53	4.81	155	163	82.5	
530	54	4.78	157	165	83	
540	55.1	4.74	160	168	84.5	
545	55.6	4.71	162	170	85	
550	56.1	4.70	163	172	85.5	
560	57.1	4.66	166	175	86	
570	58.1	4.62	169	178	86.5	
575	58.6	4.59	171	180	87	
580	59.1	4.58	172	181		
590	60.2	4.54	175	184	88	
595	60.7	4.53	176	185		
600	61.2	4.51	178	187	89	
610	62.2	4.47	181	190	89.5	
620	63.2	4.44	184	193	90	
625	63.7	4.43	185	195		
630	64.2	4.40	187	197	91	
640	65.3	4.37	190	200	91.5	
650	66.3	4.34	193	203	92	
660	67.3	4.32	195	205	92.5	
670	68.3	4.29	198	208	93	
675	68.8	4.27	199	210	93.5	

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N/mm ²	kp/mm ² (kgf/mm ²)	d(mm)	HB	HV	HRB	HRC
680	69.3	4.25	201	212		
690	70.4	4.22	204	215	94	
700	71.4	4.19	208	219		
705	71.9	4.18	209	220	95	
710	72.4	4.16	211	222	95.5	
720	73.4	4.13	214	225	96	
730	74.4	4.11	216	228		
740	75.5	4.08	219	230	96.5	
750	76.5	4.07	221	233	97	
755	77	4.05	223	235		
760	77.5	4.03	225	237	97.5	
770	78.5	4.01	228	240	98	
780	79.5	3.98	231	243		21
785	80	3.97	233	245		
790	80.6	3.95	235	247	99	
800	81.6	3.93	238	250	99.5	22
810	82.6	3.91	240	253		
820	83.6	3.89	242	255		23
830	84.6	3.87	245	258		
835	85.1	3.85	247	260		24
840	85.7	3.84	249	262		
850	86.7	3.82	252	265		
860	87.7	3.80	255	268		25
865	88.2	3.78	257	270		
870	88.7	3.77	258	272		26
880	89.7	3.76	261	275		
890	90.8	3.74	264	278		
900	91.8	3.72	266	280		27
910	92.8	3.70	269	282		
915	93.3	3.69	271	285		
920	93.8	3.68	273	287		28
930	94.8	3.66	276	290		
940	95.9	3.64	278	293		29
950	96.9	3.63	280	295		
960	97.9	3.61	284	299		
965	98.4	3.60	285	300		30
970	98.9	3.59	287	302		
980	99.9	3.57	290	305		
990	100.9	3.55	293	308		
995	101.5	3.54	295	310		31
1000	102	3.53	296	311		
1010	103	3.52	299	314		
1020	104	3.50	301	317		32
1030	105	3.49	304	320		
1040	106.1	3.47	307	323		
1050	107.1	3.45	311	327		33
1060	108.1	3.44	314	330		
1070	109.1	3.43	316	333		
1080	110.1	3.41	319	336		34
1090	111.1	3.40	322	339		
1095	111.7	3.39	323	340		
1100	112.2	3.38	325	342		
1110	113.2	3.36	328	345		35
1120	114.2	3.35	332	349		
1125	114.7	3.34	333	350		
1130	115.2	3.33	334	352		
1140	116.2	3.32	337	355		36
1150	117.3	3.31	340	358		
1155	117.8	3.30	342	360		
1160	118.3	3.29	343	361		
1170	119.3	3.28	346	364		37
1180	120.3	3.26	349	367		

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N/mm ²	kp/mm ² (kgf/mm ²)	d(mm)	HB	HV	HRB	HRC
1190	121.3	3.25	352	370		
1200	122.4	3.24	354	373		38
1210	123.4	3.23	357	376		
1220	124.4	3.21	361	380		
1230	125.4	3.20	363	382		39
1240	126.4	3.19	366	385		
1250	127.5	3.18	369	388		
1255	128	3.17	371	390		
1260	128.5		372	392		40
1270	129.5	3.16	374	394		
1280	130.5	3.14	377	397		
1290	131.5	3.13	380	400		
1300	132.6	3.12	383	403		41
1310	133.6	3.10	387	407		
1320	134.6	3.09	390	410		
1330	135.6	3.08	393	413		42
1340	136.6	3.07	393	417		
1350	137.7	3.06	399	420		
1360	138.7	3.05	402	423		43
1370	139.7	3.04	405	426		
1380	140.7		408	429		
1385	141.2	3.02	409	430		
1390	141.7		410	431		
1400	142.8	3.01	413	434		44
1410	143.8	3.00	415	437		
1420	144.8	2.99	418	440		
1430	145.8	2.98	421	443		
1440	146.8	2.97	424	446		45
1450	147.9	2.96	427	449		
1455	148.4		428	450		
1460	148.9	2.95	429	452		
1470	149.9	2.94	432	455		
1480	150.9	2.93	435	458		46
1485	151.4		437	460		
1490	151.9	2.92	438	461		
1500	152.9	2.91	441	464		
1510	154	2.90	444	467		
1520	155	2.89	447	470		
1530	156		449	473		47
1540	157	2.88	452	476		
1550	158.1	2.87	455	479		
1555	158.6		(456)	480		
1560	159.1	2.86	(457)	481		
1570	160.1	2.85	(460)	484		48
1580	161.1		(462)	486		
1590	162.1	2.84	(465)	489		
1595	162.6	2.83	(466)	490		
1600	163.2		(467)	491		
1610	164.2	2.82	(470)	494		
1620	165.2		(472)	497		49
1630	166.2		(475)	500		
1640	167.2	2.80	(478)	503		
1650	168.3	2.79	(481)	506		
1660	169.3		(483)	509		
1665	169.8	2.78	(485)	510		
1670	170.3		(486)	511		
1680	171.3	2.77	(488)	514		50
1690	172.3	2.76	(491)	517		
1700	173.4	2.75	(494)	520		
1710	174.4		(496)	522		
1720	175.4	2.74	(499)	525		
1730	176.4		(501)	527		51

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N/mm ²	kp/mm ² (kgf/mm ²)	d(mm)	HB	HV	HRB	HRC
1740	177.4	2.73	(504)	530		
1750	178.5	2.72	(506)	533		
1760	179.5	2.71	(509)	536		
1770	180.5		(512)	539		
1775	181	2.70	(513)	540		
1780	181.5		(514)	541		
1790	182.5	2.69	(517)	544		52
1800	183.5		(520)	547		
1810	184.6	2.68	(523)	550		
1820	185.6	2.67	(525)	553		
1830	186.6		(528)	556		
1840	187.6	2.66	(531)	559		
1845	188.1		(532)	560		53
1850	188.6	2.65	(533)	561		
1860	189.7		(536)	564		
1870	190.7	2.64	(539)	567		
1880	191.7		(542)	570		
1890	192.7	2.63	(543)	572		
1900	193.7	2.62	(546)	575		
1910	194.8		(549)	578		54
1920	195.8	2.61	(551)	580		
1930	196.8	2.60	(554)	583		
1940	197.8		(557)	586		
1950	198.8	2.59	(560)	589		
1955	199.4		(561)	590		
1960	199.9		(562)	591		
1970	200.9	2.58	(564)	594		
1980	201.9		(567)	596		55
1990	202.9	2.57	(569)	599		
1995	203.4		(570)	600		
2000	203.9	2.56	(572)	602		
2010	205		(575)	605		
2020	206	2.55	(577)	607		
2030	207		(580)	610		
2040	208	2.54	(582)	613		
2050	209		(584)	615		56
2060	210.1	2.53	(587)	618		
2070	211.1		(589)	620		
2080	212.1	2.52	(592)	623		
2090	213.1		(595)	626		
2100	214.1	2.51	(598)	629		
2105	214.7		(599)	630		
2110	215.2		(600)	631		
2120	216.2	2.50	(602)	634		
2130	217.2		(604)	636		
2140	218.2	2.49	(607)	639		57
2150	219.2		(609)	641		
2160	220.3	2.48	(612)	644		
2170	221.3	2.47	(615)	647		
2180	222.3		(618)	650		
2190	223.3		(620)	653		
2200	224.3	2.46	(622)	655		58
				675		59
				698		60
				720		61
				745		62
				773		63
				800		64
				829		65
				864		66
				900		67
				940		68