

**EQUIVALENCIAS ENTRE DUREZAS BRINELL, ROCKWELL, VICKERS Y
SHORE Y LA RESISTENCIA A LA TRACCIÓN**

Brinell Diámetro Huella	Brinell Dureza HB	Rockwell Dureza Ha	Rockwell Dureza HRb	Rockwell Dureza HRc	Vickers Dureza HV	Shore	Resistencia a la tracción Kg/mm ²
2.35	682	64.0	-	65	885	91.0	232.9
2.40	652	83.0	-	63	820	87.2	221.5
2.45	627	81.5	-	61	765	84.8	213.5
2.5	600	80.5	-	59	633	76.5	188.7
2.55	578	79.5	-	59	717	81.5	204.0
2.60	555	79.0	120	57	675	78.5	195.1
2.65	534	78.0	119	54	598	73.5	181.3
2.70	514	77.0	119	52	567	71.0	174.9
2.75	495	76.5	117	51	540	68.5	168.0
2.80	477	75.5	117	49	515	66.7	162.2
2.85	461	74.4	116	48	494	65.0	157.0
2.90	444	73.5	115	46	472	63.0	150.6
2.95	429	73.0	115	45	454	61.0	145.6
3.00	415	72.5	114	44	437	59.0	140.0
3.05	401	71.5	113	42	420	57.2	136.0
3.10	388	71.0	112	41	404	65.8	132.0
3.15	375	70.5	112	40	389	54.0	127.5
3.20	363	70.0	110	39	375	52.2	123.4
3.25	352	69.5	110	38	363	50.5	120.0
3.30	341	68.5	109	36	350	49.2	115.9
3.35	331	68.0	109	35	339	48.0	112.4
3.40	321	67.5	108	34	327	46.7	109.1
3.45	311	67.0	108	33	316	45.2	105.6
3.50	302	66.5	107	32	305	44.5	102.7
3.55	293	66.0	106	31	296	43.2	99.6
3.60	285	65.5	105	30	287	42.0	96.9
3.65	277	65.0	104	29	279	41.0	94.2
3.70	269	64.5	104	28	270	40.0	91.5
3.75	262	64.0	103	27	263	39.2	89.1
3.80	255	63.0	102	25	256	38.5	86.7
3.85	248	62.5	102	24	248	37.5	84.3
3.90	241	62.0	100	23	241	36.5	81.9
3.95	235	61.5	100	22	235	35.7	79.9
4.00	229	61.0	99	21	229	35.0	77.9
4.05	223	60.5	98	20	223	34.0	75.8
4.10	217	-	97	18	217	33.0	73.8
4.15	212	-	96	17	212	32.5	72.1
4.20	207	-	96	16	207	32.0	70.4
4.25	202	-	95	15	202	31.2	68.7
4.30	197	-	94	14	197	30.2	67.0
4.35	192	-	93	13	192	29.5	65.3
4.40	187	-	92	11	187	29.0	63.6
4.45	183	-	91	10	183	28.5	62.2
4.50	179	-	90	9	179	28.0	60.9
4.55	174	-	89	7	174	27.5	59.2
4.60	170	-	88	6	170	26.5	57.8
4.65	166	-	87	4	166	25.5	56.3
4.70	163	-	86	3	163	25.0	55.4
4.75	159	-	85	1	159	24.5	54.0
4.80	156	-	84	0	156	24.0	53.0
4.85	153	-	82	-	153	23.0	52.0
4.90	149	-	81	--	149	23.0	50.7
4.95	146	-	80	--	146	22.0	49.6
5.00	143	-	79	-	143	22.0	48.6
5.05	140	-	78	-	140	21.0	47.6
5.10	137	-	77	-	137	21.0	46.6
5.15	134	-	76	-	134	21.0	45.6
5.20	131	-	74	-	131	20.0	44.5
5.25	128	-	73	-	128	20.0	43.5
5.30	126	-	72	-	126	-	42.8
5.35	124	-	71	-	124	-	42.2
5.40	121	-	70	-	121	-	41.2
5.45	118	-	69	-	118	-	40.1
4.50	116	-	68	-	116	-	39.4
5.55	114	-	67	-	114	-	38.8
5.60	112	-	66	-	112	-	38.0
5.65	109	-	65	-	109	-	37.1
5.70	107	-	64	-	107	-	36.4
5.75	105	-	62	-	105	-	35.7
5.80	103	-	61	-	103	-	35.0