

Diâmetro da impressão Brinell em mm	Dureza Brinell Carga de 3000g Esfera de 10mm		Dureza Vickers	Dureza Rockwell			Dureza Rockwell Superficial			Dureza Shore	Resistência à tração	
	esfera de aço	esfera de tungstênio		escala A	escala B	escala C	escala 15N	escala 30N	escala 45N		KSI	kg/mm²
2.25	-	745	840	84.1	-	65.3	92.3	82.2	72.2	91	-	-
2.30	-	712	-	-	-	-	-	-	-	-	-	-
2.35	-	682	737	82.2	-	61.7	91.0	79.0	68.5	84	-	-
2.40	-	653	697	81.2	-	60.0	90.2	77.5	66.5	81	-	-
2.45	-	627	667	80.5	-	58.7	89.6	76.3	65.1	79	-	-
2.50	-	601	640	79.8	-	57.3	89.0	75.1	63.5	77	-	-
2.55	-	578	615	79.1	-	56.0	88.4	73.9	62.1	75	-	-
2.60	-	555	591	78.4	-	54.7	87.8	72.7	60.6	73	298	209.5
2.65	-	534	569	77.8	-	53.5	87.2	71.6	59.2	71	288	202.5
2.70	-	514	547	76.9	-	52.1	86.5	70.3	57.6	70	274	192.6
	495		539	76.7	-	51.6	86.3	69.9	56.9	-	269	189.1
2.75		495	528	76.3	-	51.0	85.9	69.4	56.1	68	264	185.6
	477		516	75.9	-	50.3	85.6	68.7	55.2	-	258	181.4
2.80		477	508	75.6	-	49.6	85.3	68.2	54.5	66	252	177.2
	461		495	75.1	-	48.8	84.9	67.4	53.5	-	244	171.5
2.85		461	491	74.9	-	48.5	84.7	67.2	53.2	65	242	170.1
	444		474	74.3	-	47.2	84.1	66.0	51.7	-	231	162.4
2.90		444	472	74.2	-	47.1	84.0	65.8	51.5	63	230	161.7
2.95	429	429	455	73.4	-	45.7	83.4	64.6	49.9	61	219	154.0
3.00	415	415	440	72.8	-	44.5	82.8	63.5	48.4	59	212	149.1
3.05	401	401	425	72.0	-	43.1	82.0	62.3	46.9	58	202	142.0
3.10	388	388	410	71.4	-	41.8	81.4	61.1	45.3	56	193	135.7
3.15	375	375	396	70.6	-	40.4	80.6	59.9	43.6	54	184	129.4
3.20	363	363	383	70.0	-	39.1	80.0	58.7	42.0	52	177	124.4
3.25	352	352	372	69.3	(110.0)	37.9	79.3	57.6	40.5	51	171	120.2
3.30	341	341	360	68.7	(109.0)	36.6	78.6	56.4	39.1	50	164	115.3
3.35	331	331	350	68.1	(108.5)	35.5	78.0	55.4	37.8	48	159	111.8
3.40	321	321	339	67.5	(108.0)	34.3	77.3	54.3	36.4	47	154	108.3
3.45	311	311	328	66.9	(107.5)	33.1	76.7	53.3	34.4	46	149	104.8
3.50	302	302	319	66.3	(107.0)	32.1	76.1	52.2	33.8	45	146	102.6
3.55	293	293	309	65.7	(106.0)	30.9	75.5	51.2	32.4	43	141	99.1
3.60	285	285	301	65.3	(105.5)	29.9	75.0	50.3	31.2	-	138	97.0
3.65	277	277	292	64.6	(104.5)	28.8	74.4	49.3	29.9	41	134	94.2
3.70	269	269	284	64.1	(104.0)	27.6	73.7	48.3	28.5	40	130	91.4
3.75	262	262	276	63.6	(103.0)	26.6	73.1	47.3	27.3	39	127	89.3
3.80	255	255	269	63.0	(102.0)	25.4	72.5	46.2	26.0	38	123	86.5
3.85	248	248	261	62.5	(101.0)	24.5	71.7	45.1	24.5	37	120	84.4
3.90	241	241	253	61.8	100.0	22.8	70.9	43.9	22.8	36	116	81.6
3.95	235	235	247	61.4	99.0	21.7	70.3	42.9	21.5	35	114	80.1
4.00	229	229	241	60.8	98.2	20.5	69.7	41.9	20.1	34	111	78.0
4.05	223	223	234	-	97.3	(18.8)	-	-	-	-	-	-
4.10	217	217	228	-	96.4	(17.5)	-	-	-	33	105	73.8
4.15	212	212	222	-	95.5	(16.0)	-	-	-	-	102	71.7
4.20	207	207	218	-	94.6	(15.2)	-	-	-	32	100	70.3
4.25	201	201	212	-	93.8	(13.8)	-	-	-	32	98	68.9
4.30	197	197	207	-	92.8	(12.7)	-	-	-	30	95	66.8
4.35	192	192	202	-	91.9	(11.5)	-	-	-	29	93	65.4
4.40	187	187	196	-	90.7	(10.0)	-	-	-	-	90	63.3
4.45	183	183	192	-	90.0	(9.0)	-	-	-	28	89	62.6
4.50	179	179	188	-	89.0	(8.0)	-	-	-	27	87	61.2
4.55	174	174	182	-	87.8	(6.4)	-	-	-	-	85	59.8
4.60	170	170	178	-	86.8	(5.4)	-	-	-	26	83	58.4
4.65	167	167	175	-	86.0	(4.4)	-	-	-	-	81	56.9
4.70	163	163	171	-	85.0	(3.3)	-	-	-	25	79	55.5
4.80	156	156	163	-	82.9	(0.9)	-	-	-	-	76	53.4
4.90	149	149	156	-	80.8	-	-	-	-	23	73	51.3
5.00	143	143	150	-	78.7	-	-	-	-	22	71	49.9
5.10	137	137	143	-	76.4	-	-	-	-	21	67	47.1
5.20	131	131	137	-	74.0	-	-	-	-	-	65	45.7
5.30	126	126	132	-	72.0	-	-	-	-	20	63	44.3
5.40	121	121	127	-	69.8	-	-	-	-	19	60	42.2
5.50	116	116	122	-	67.7	-	-	-	-	18	58	40.8
5.60	111	111	117	-	65.7	-	-	-	-	15	56	39.4