

Hardness to Tensile conversion chart

Brinell Hardness	Rockwell Hardness			
Tungsten Carbide Ball 3000 KG	A Scale 60 kg	B Scale 100 kg	C Scale 150 kg	Tensile Stength (approx.)
-	86	-	68	-
-	85	-	68	-
-	85	-	67	-
767	85	-	66	-
757	84	-	66	-
745	84	-	65	-
733	84	-	65	-
722	83	-	64	-
712	-	-	-	-
710	83	-	63	-
698	83	-	62	-
684	82	-	62	-
682	82	-	62	-
670	82	-	61	-
656	81	-	60	-
653	81	-	60	-
647	81	-	60	-
638	81	-	59	329,000
630	81	-	59	324,000
627	80	-	59	323,000
601	80	-	57	309,000
578	79	-	56	297,000
555	78	-	55	285,000
534	78	-	54	274,000
514	77	-	52	263,000
495	76	-	51	253,000
477	76	-	50	243,000
461	75	-	48	235,000
444	74	-	47	225,000
429	73	-	46	217,000
415	73	-	44	210,000
401	72	-	43	202,000
388	71	-	42	195,000
375	71	-	40	188,000
363	70	-	39	182,000
352	69	-	38	176,000

Brinell Hardness	Rockwell Hardness			Tensile Strength (approx.)
	A Scale 60 kg	B Scale 100 kg	C Scale 150 kg	
Tungsten Carbide Ball 3000 KG				
331	68	-	36	166,000
321	68	-	34	160,000
311	67	-	33	155,000
302	66	-	32	150,000
293	66	-	31	145,000
285	65	-	30	141,000
277	65	-	29	137,000
269	64	-	28	133,000
262	64	-	27	129,000
255	63	-	25	126,000
248	62	-	24	122,000
241	62	100	23	118,000
235	61	99	22	115,000
229	61	98	20	111,000
223	-	97	20	-
217	-	96	18	105,000
212	-	96	17	102,000
207	-	95	16	100,000
201	-	94	15	98,000
197	-	93	-	95,000
192	-	92	-	93,000
187	-	91	-	90,000
183	-	90	-	89,000
179	-	89	-	87,000
174	-	88	-	85,000
170	-	87	-	83,000
167	-	86	-	81,000
163	-	85	-	79,000
156	-	83	-	76,000
149	-	81	-	73,000
143	-	79	-	71,000
137	-	76	-	67,000
131	-	74	-	65,000
126	-	72	-	63,000
121	-	70	-	60,000
116	-	68	-	58,000
111	-	66	-	56,000

