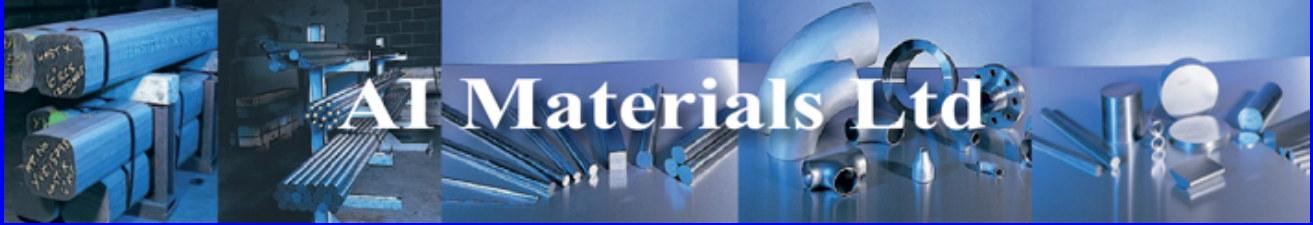


AI Materials Ltd

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Hardness Conversion Chart

Brinell	Rockwell			Tensile Strength
Tungsten Carbide Ball (3000 KG)	A Scale 60KG	B Scale 100KG	C Scale 150KG	PSI (Approx.)
-	85.6	-	68	-
-	85.3	-	67.5	-
-	85	-	67	-
767	84.7	-	66.4	-
757	84.4	-	65.9	-
745	84.1	-	65.3	-
733	83.8	-	64.7	-
722	83.4	-	64	-
710	83	-	63.3	-
698	82.6	-	62.5	-
684	82.2	-	61.8	-
682	82.2	-	61.7	-
670	81.8	-	61	-
656	81.3	-	60.1	-
653	81.2	-	60	-
647	81.1	-	59.7	-
638	80.8	-	59.2	329000
630	80.6	-	58.8	324000
627	80.5	-	58.7	323000
601	79.8	-	57.3	309000
578	79.1	-	56	297000
555	78.4	-	54.7	285000
534	77.8	-	53.5	274000
514	76.9	-	52.1	263000
495	76.3	-	51	253000
477	75.6	-	49.6	243000
461	74.9	-	48.5	235000
444	74.2	-	47.1	225000
429	73.4	-	45.7	217000
415	72.8	-	44.5	210000
401	72	-	43.1	202000
388	71.4	-	41.8	195000
375	70.6	-	40.4	188000
363	70	-	39.1	182000
352	69.3	-	37.9	176000
341	68.7	-	36.6	170000
331	68.1	-	35.5	166000
321	67.5	-	34.3	160000
311	66.9	-	33.1	155000
302	66.3	-	32.1	150000
293	65.7	-	30.9	145000
285	65.3	-	29.9	141000
277	64.6	-	28.8	137000
269	64.1	-	27.6	133000
262	63.6	-	26.6	129000
255	63	-	25.4	126000
248	62.5	-	24.2	122000
241	61.8	100	22.8	118000



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Hardness Conversion Chart

<u>Brinell</u>	<u>Rockwell</u>			<u>Tensile Strength</u>
Tungsten Carbide Ball (3000 KG)	A Scale 60KG	B Scale 100KG	C Scale 150KG	PSI (Approx.)
235	61.4	99	21.7	115000
229	60.8	98.2	20.5	111000
223	-	97.3	20	-
217	-	96.4	18	105000
212	-	95.5	17	102000
207	-	94.6	16	100000
201	-	93.8	15	98000
197	-	92.8	-	95000
192	-	91.9	-	93000
187	-	90.7	-	90000
183	-	90	-	89000
179	-	89	-	87000
174	-	87.8	-	85000
170	-	86.8	-	83000
167	-	86	-	81000
163	-	85	-	79000
156	-	82.9	-	76000
149	-	80.8	-	73000
143	-	78.7	-	71000
137	-	76.4	-	67000
131	-	74	-	65000
126	-	72	-	63000
121	-	69.8	-	60000
116	-	67.6	-	58000
111	-	65.7	-	56000

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