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TABELAS DE EQUIVALÊNCIAS DAS DIVERSAS ESCALAS DE DUREZA CONFORME NORMA SAE J-417 PARA AÇOS											
Dureza Vickers	Dureza Brinell		Dureza Rockwell			Dureza Rockwell Superficial			Dureza Shore	Resistência a tração	
	Carga de 3.000 kg esfera de 10 mm		Escala A	Escala B	Escala C	Escala 15N	Escala 30N	Escala 45N		KSI	Kg/mm ²
	Esfera de aço	Esfera de tungstênio									
940			85.6		68.0	93.2	84.4	75.4	97		
920			85.3		67.5	93.0	84.0	74.8	96		
900			85.0		67.0	92.9	83.6	74.2	95		
880			84.7		66.4	92.7	83.1	73.6	93		
860			84.4		65.9	92.5	82.7	73.1	92		
840			84.1		65.3	92.3	82.2	72.2	91		
820			83.8		64.7	92.1	81.7	71.8	90		
800			83.4		64.0	91.8	81.1	71.0	88		
780			83.0		63.3	91.5	80.4	70.2	87		
760			82.6		62.5	91.2	79.7	69.4	86		
740			82.2		61.8	91.0	79.1	68.6	84		
720			81.8		61.0	90.7	78.4	67.7	83		
700		615	81.3		60.1	90.3	77.6	66.7	81		
690		610	81.1		59.7	90.1	77.2	66.2			
680		603	80.8		59.2	89.8	76.8	65.7	80		
670		597	80.6		58.8	89.7	76.4	65.3			
660		590	80.3		58.3	89.5	75.9	64.7	79		
650		585	80.0		57.8	89.2	75.5	64.1			
640		578	79.8		57.3	89.0	75.1	63.5	77		
630		571	79.5		56.8	88.8	74.6	63.0			
620		564	79.2		56.3	88.5	74.2	62.4	75		
610		557	78.9		55.7	88.2	73.6	61.7			
600		550	78.6		55.2	88.0	73.2	61.2	74		
590		542	78.4		54.7	87.8	72.7	60.5		298	209.5
580		535	78.0		54.1	87.5	72.1	59.9	72	293	206.0
570		527	77.8		53.6	87.2	71.7	59.3		288	202.5
560		519	77.4		53.0	86.9	71.2	58.6	71	283	199.0
550	505	512	77.0		52.3	86.6	70.5	57.8		276	194.0
540	496	503	76.7		51.7	86.3	70.0	57.0	69	270	189.8
530	488	495	76.4		51.1	86.0	69.5	56.2		265	186.3
520	480	487	76.1		50.5	85.7	69.0	55.6	67	260	182.8
510	473	479	75.7		49.8	85.4	68.3	54.7		254	178.6
500	465	471	75.3		49.1	85.0	67.7	53.9	66	247	173.7
490	456	460	74.9		48.4	84.7	67.1	53.1		241	169.4
480	448	452	74.5		47.7	84.3	66.4	52.2	64	235	165.2
470	441	442	74.1		46.9	83.9	65.7	51.3		228	160.3
460	433	433	73.6		46.1	83.6	64.9	50.4	62	222	156.1
450	425	425	73.3		45.3	83.2	64.3	49.4		217	152.6
440	415	415	72.8		44.5	82.8	63.5	48.4	59	212	149.1
430	405	405	72.3		43.6	82.3	62.7	47.4		205	144.1
420	397	397	71.8		42.7	81.8	61.9	46.4	57	199	139.9
410	388	388	71.4		41.8	81.4	61.1	45.3		193	135.7
400	379	379	70.8		40.8	81.0	60.2	44.1	55	187	131.5
390	369	369	70.3		39.8	80.3	59.3	42.9		180	126.6
380	360	360	69.8	(110)	38.8	79.8	58.4	41.7	52	175	123.0
370	350	350	69.2		37.7	79.2	57.4	40.4		170	119.5
360	341	344	68.7	(109)	36.6	78.6	56.4	39.1	50	164	115.3
350	331	331	68.1		35.5	78.0	55.4	37.8		159	111.8
340	322	322	67.6	(108)	34.4	77.4	54.4	36.5	47	155	109.0
330	313	313	67.0		33.3	76.8	53.6	35.2		150	105.5
320	303	303	66.4	(107)	32.2	76.2	52.3	33.9	45	146	102.6
310	294	294	65.8		31.0	75.6	51.3	32.5		142	99.8
300	284	284	65.2	(105.5)	29.8	74.9	50.2	31.1	42	138	97.0
295	280	280	64.8		29.2	74.6	49.7	30.4		136	95.6
290	275	275	64.5	(104.5)	28.5	74.2	49.0	29.5	41	133	93.5
285	270	270	64.2		27.8	73.8	48.4	28.7		131	92.1
280	265	265	63.8	(103.5)	27.1	73.4	47.8	27.9	40	129	90.7
275	261	261	63.5		26.4	73.0	47.2	27.1		127	89.3
270	256	256	63.1	(102)	25.6	72.6	46.4	26.2	38	124	87.2
265	252	252	62.7		24.8	72.1	45.7	25.2		122	85.8
260	247	247	62.4	(101)	24.0	71.6	45.0	24.3	37	120	84.4
255	243	243	62.0		23.1	71.1	44.2	23.2		117	82.3
250	238	238	61.6	99.5	22.2	70.6	43.4	22.2	36	115	80.9
245	233	233	61.2		21.3	70.1	42.5	21.1		113	79.4
240	228	228	60.7		20.3	69.6	41.7	19.9	34	111	78
230	219	219			19.6	(18)			33	106	74.5
220	209	209			19.0	(15.7)			32	101	71.0
210	200	200			18.4	(13.4)			30	97	68.2
200	190	190			17.5	(11)			29	92	64.7
190	181	181			16.6	(8.5)			28	88	61.9
180	171	171			15.7	(6)			26	84	59.1
170	162				14.8	(3)			25	79	55.5
160	152				13.9	(0)			24	75	52.7
150	143				13.0				22	71	49.9
140	133				12.1				21	66	46.4

OS VALORES ENTRE PARÊNTESES SERVEM APENAS COMO INFORMAÇÃO, POIS ESTÃO FORA DA ESCALA NORMAL