

# Horsepower/Torque Table

RPM	1/8 HP	1/4 HP	3/8 HP	1/2 HP	3/4 HP	1 HP	2 HP	3 HP	4 HP	5 HP	
1	7,878	10,504	15,756	21,008	31,512	47,268	63,025	126,050	189,075	252,100	315,120
2	3,939	5,252	7,878	10,504	15,756	23,634	31,512	63,025	94,537	126,050	157,560
3	2,626	3,501	5,252	7,0003	10,504	15,756	21,008	42,016	63,024	84,032	105,040
4	1,969	2,626	3,939	5,252	7,878	11,817	15,756	31,512	47,268	63,025	78,780
5	1,576	2,101	3,151	4,202	6,302	9,453	12,605	25,210	37,815	50,420	63,020
6	1,313	1,750	2,626	3,501	5,252	7,878	10,504	21,008	31,512	42,016	52,520
7	1,125	1,501	2,251	3,001	4,502	6,753	9,003	18,006	27,009	36,012	45,020
8	985	1,313	1,969	2,626	3,939	5,908	7,878	15,756	23,634	31,512	39,390
9	875	1,167	1,750	2,331	3,501	5,251	7,003	14,006	21,009	28,012	35,010
10	788	1,050	1,576	2,101	3,151	4,727	6,302	12,605	18,907	25,210	31,512
11	716	955	1,432	1,909	2,864	4,296	5,728	11,456	17,184	22,912	28,640
12	656	875	1,313	1,750	2,626	3,939	5,252	10,504	15,756	21,008	26,260
1200	6 1/2	8 3/4	13	17 1/2	26	39	52	105	157	210	260
13	606	808	1,212	1,616	2,424	3,636	4,848	9,696	14,544	19,392	24,240
14	563	750	1,126	1,501	2,251	3,377	4,502	9,003	13,505	18,006	22,510
15	525	700	1,051	1,401	2,101	3,152	4,202	8,404	12,606	16,808	21,010
16	492	656	985	1,313	1,969	2,954	3,939	7,878	11,817	15,756	19,690
17	463	618	926	1,236	1,853	2,779	3,707	7,414	11,121	14,828	18,530
1750	4 1/2	6	9	12	18	27	36	72	108	144	180
18	438	583	875	1,167	1,750	2,625	3,501	7,003	10,504	14,006	17,500
19	415	553	829	1,106	1,658	2,487	3,317	6,634	9,951	13,268	16,580
20	394	525	788	1,050	1,576	2,364	3,151	6,302	9,453	12,605	15,756
22	358	477	716	955	1,432	2,148	2,864	5,728	8,592	11,456	14,320
24	328	437	656	875	1,313	1,969	2,626	5,252	7,878	10,504	13,130
26	303	404	606	808	1,212	1,818	2,424	4,848	7,272	9,696	12,120
28	281	375	562	750	1,126	1,688	2,251	4,502	6,753	9,008	11,260
30	262	350	526	700	1,051	1,577	2,101	4,202	6,303	8,404	10,504
32	246	328	492	656	985	1,477	1,969	3,939	5,908	7,878	9,850
34	231	309	463	618	926	1,389	1,853	3,707	5,560	7,414	9,260
36	219	292	437	583	875	1,312	1,750	3,501	5,251	7,003	8,750
38	207	277	415	553	829	1,244	1,658	3,317	4,975	6,634	8,200
40	197	262	394	525	788	1,182	1,576	3,151	4,727	6,302	7,878
42	188	250	375	500	750	1,125	1,501	3,002	4,503	6,004	7,500
44	179	239	358	477	716	1,074	1,432	2,864	4,296	5,728	7,160
46	171	229	342	457	685	1,027	1,370	2,740	4,110	5,480	6,850
48	164	219	328	437	656	984	1,313	2,626	3,939	5,252	6,560
50	158	210	315	420	630	945	1,260	2,520	3,780	5,040	6,302
52	152	202	303	404	606	909	1,212	2,424	3,636	4,848	6,060
54	145	194	291	389	583	874	1,167	2,334	3,501	4,668	5,835
56	140	187	281	375	562	843	1,126	2,251	3,381	4,502	5,632
58	136	181	272	362	543	815	1,086	2,172	3,258	4,344	5,430
60	131	175	262	350	526	788	1,051	2,101	3,152	4,202	5,252
62	127	169	254	338	508	762	1,016	2,032	3,048	4,064	5,080
64	123	164	246	328	492	738	985	1,969	2,954	3,939	4,923
66	119	159	239	318	478	717	955	1,910	2,865	3,820	4,775
68	115	155	231	309	463	694	926	1,853	2,779	3,707	4,632
70	112	150	225	300	455	675	900	1,800	2,700	3,600	4,502
72	109	146	219	292	437	656	875	1,750	2,625	3,501	4,375
74	106	141	213	283	426	639	851	1,702	2,553	3,404	4,255
76	103	138	207	277	415	622	829	1,658	2,487	3,317	4,145
78	101	135	202	269	404	606	808	1,616	2,424	3,232	4,040
80	99	131	197	262	394	593	788	1,576	2,364	3,151	3,940
82	96	128	192	256	384	576	768	1,536	2,304	3,072	3,840
84	94	125	188	250	375	563	750	1,501	2,251	3,002	3,752
86	91	122	183	244	366	549	733	1,466	2,199	2,932	3,665
88	89	119	179	239	358	537	716	1,432	2,148	2,864	3,580
90	87	116	175	233	350	525	700	1,400	2,100	2,800	3,500
92	85	115	171	229	342	513	685	1,370	2,055	2,740	3,425
94	83	112	167	223	335	502	670	1,340	2,010	2,680	3,350
96	82	109	164	219	328	492	656	1,313	1,969	2,626	3,282
98	81	107	161	214	322	483	643	1,286	2,929	2,572	3,215
100	77	105	158	210	315	473	630	1,260	1,890	2,520	3,150

# Decimal & Metric Equivalents

## EQUIVALENT OF COMMON FRACTIONS OF AN INCH

		DECIMALS	MILLIMETERS
	$\frac{1}{64}$	0.015625	— 0.397
$\frac{1}{32}$	$\frac{2}{64}$	.03112	— 0.794
	$\frac{3}{64}$	.046875	— 1.191
$\frac{1}{16}$	$\frac{4}{64}$	.0625	— 1.588
	$\frac{5}{64}$	.078125	— 1.984
$\frac{3}{32}$	$\frac{6}{64}$	.09375	— 2.381
	$\frac{7}{64}$	.109375	— 2.778
$\frac{1}{8}$	$\frac{8}{64}$	.1250	— 3.175
	$\frac{9}{64}$	.140625	— 3.572
$\frac{5}{32}$	$\frac{10}{64}$	.15625	— 3.969
	$\frac{11}{64}$	.171875	— 4.366
$\frac{3}{16}$	$\frac{12}{64}$	.1875	— 4.762
	$\frac{13}{64}$	.203125	— 5.159
$\frac{7}{32}$	$\frac{14}{64}$	.21875	— 5.556
	$\frac{15}{64}$	.234375	— 5.953
$\frac{1}{4}$	$\frac{16}{64}$	.2500	— 6.350
	$\frac{17}{64}$	.265625	— 6.747
$\frac{9}{32}$	$\frac{18}{64}$	.28125	— 7.144
	$\frac{19}{64}$	.296875	— 7.541
$\frac{5}{16}$	$\frac{20}{64}$	.3125	— 7.938
	$\frac{21}{64}$	.328125	— 8.334
$\frac{11}{32}$	$\frac{22}{64}$	.34375	— 8.731
	$\frac{23}{64}$	.359375	— 9.128
$\frac{3}{8}$	$\frac{24}{64}$	.3750	— 9.525
	$\frac{25}{64}$	.390625	— 9.922
$\frac{13}{32}$	$\frac{26}{64}$	.40625	— 10.319
	$\frac{27}{64}$	.421875	— 10.716
$\frac{7}{16}$	$\frac{28}{64}$	.4375	— 11.112
	$\frac{29}{64}$	.453125	— 11.509
$\frac{15}{32}$	$\frac{30}{64}$	.46875	— 11.906
	$\frac{31}{64}$	.484375	— 12.303
$\frac{1}{2}$	$\frac{32}{64}$	.5000	— 12.700

1 mm = .03937"

		DECIMALS	MILLIMETERS
	$\frac{33}{64}$	0.515625	— 13.097
$\frac{17}{32}$	$\frac{34}{64}$	.53125	— 13.494
	$\frac{35}{64}$	.546875	— 13.891
$\frac{9}{16}$	$\frac{36}{64}$	.5625	— 14.288
	$\frac{37}{64}$	.578125	— 14.684
$\frac{19}{32}$	$\frac{38}{64}$	.59375	— 15.081
	$\frac{39}{64}$	.609375	— 15.478
$\frac{5}{8}$	$\frac{40}{64}$	.6250	— 15.875
	$\frac{41}{64}$	.640625	— 16.272
$\frac{21}{32}$	$\frac{42}{64}$	.65625	— 16.669
	$\frac{43}{64}$	.671875	— 17.066
$\frac{11}{16}$	$\frac{44}{64}$	.6875	— 17.462
	$\frac{45}{64}$	.703125	— 17.859
$\frac{23}{32}$	$\frac{46}{64}$	.71875	— 18.256
	$\frac{47}{64}$	.734375	— 18.653
$\frac{3}{4}$	$\frac{48}{64}$	.7500	— 19.050
	$\frac{49}{64}$	.765625	— 19.447
$\frac{25}{32}$	$\frac{50}{64}$	.78125	— 19.844
	$\frac{51}{64}$	.796875	— 20.241
$\frac{13}{16}$	$\frac{52}{64}$	.8125	— 20.638
	$\frac{53}{64}$	.828125	— 21.034
$\frac{27}{32}$	$\frac{54}{64}$	.84375	— 21.431
	$\frac{55}{64}$	.859375	— 21.828
$\frac{7}{8}$	$\frac{56}{64}$	.8750	— 22.225
	$\frac{57}{64}$	.890625	— 22.622
$\frac{29}{32}$	$\frac{58}{64}$	.90625	— 23.019
	$\frac{59}{64}$	.921875	— 23.416
$\frac{15}{16}$	$\frac{60}{64}$	.9375	— 23.812
	$\frac{61}{64}$	.953125	— 24.209
$\frac{31}{32}$	$\frac{62}{64}$	.96875	— 24.606
	$\frac{63}{64}$	.984375	— 25.003
$\frac{1}{1}$	$\frac{64}{64}$	1.000	— 25.400

.001" = .0254 mm