



800-871-5022

More information can be found at  
[www.HQ-Drill.com](http://www.HQ-Drill.com).

**Table No. 2**

**DRILL THRUST AND HORSEPOWER  
 MM of one (cast iron)**

DRILL DIA.	DRILL POINT	FEED* IN./REV.	HP@ 100 S.F.M.	THRUST LBS.	TORQUE IN-LBS.
1/32	.009	.0008	.004	10	0.02
1/16	.019	.0015	.014	31	0.14
3/32	.028	.0020	.028	45	0.4
1/8	.037	.0025	.047	66	0.9
5/32	.047	.0035	.082	110	2.1
3/16	.056	.0040	.113	131	3.4
7/32	.066	.0045	.148	168	5.3
1/4	.075	.0050	.188	194	7.7
9/32	.084	.0050	.211	210	9.8
5/16	.094	.0050	.235	227	12.
11/32	.103	.0055	.284	261	16.
3/8	.113	.0060	.338	296	20.
13/32	.122	.0065	.396	333	26.
7/16	.131	.0070	.460	372	33.
15/32	.141	.0075	.526	413	40.
1/2	.150	.0080	.600	474	49.
17/32	.160	.0080	.637	503	56.
9/16	.169	.0080	.675	533	62.
19/32	.178	.0085	.757	569	74.
5/8	.188	.0090	.844	587	87.
21/32	.197	.0090	.885	597	96.
11/16	.206	.0090	.928	627	105.
23/32	.216	.0095	1.025	685	121.
3/4	.225	.0100	1.125	729	139.
25/32	.235	.0100	1.175	750	151.
13/16	.244	.0100	1.218	771	163.
27/32	.253	.0105	1.335	822	185
7/8	.263	.0110	1.45	875	209.
29/32	.272	.0115	1.56	925	234.
15/16	.282	.0120	1.68	983	261.
31/32	.291	.0125	1.81	1097	291.
1	.300	.013	1.96	1164	322.
1 1/16	.319	.013	2.13	1180	364.
1 1/8	.338	.014	2.37	1266	439.
1 3/16	.357	.014	2.50	1360	490.

You can also see the following chart for more information:  
[http://www.drill-hq.com/?page\\_id=785](http://www.drill-hq.com/?page_id=785)



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1 1/4	.376	.015	2.64	1440	581.
1 5/16	.394	.015	2.70	1490	641.
1 3/8	.413	.015	3.04	1540	704.
1 7/16	.432	.015	3.23	1590	769.
1 1/2	.451	.015	3.37	1640	837.
1 9/16	.469	.016	3.78	1730	969.
1 5/8	.488	.016	3.94	1820	1048
1 11/16	.507	.016	4.07	1870	1131.
1 3/4	.526	.016	4.35	1915	1216.
1 13/16	.544	.016	4.50	2005	1304.
1 7/8	.563	.017	4.75	2115	1483.
1 15/16	.582	.017	4.95	2165	1584.
2	.601	.017	5.12	2211	1688.

You can also see the following chart for more information:  
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