

TECHNICAL DATA | POWER MAX DRILL |

HPI503, HPI505 & HPI508N Series

Work Material	Non-Alloyed Steels		Alloy Steels		Soft Cast Iron		Strong Cast Iron	
Strength	< 700N/mm ²		< 1000N/mm ²		< HB240, GG25		< HB300, GG40	
Cutting Diameter (metric)	RPM	FEED (mm/rev)	RPM	FEED (mm/rev)	RPM	FEED (mm/rev)	RPM	FEED (mm/rev)
3	16,000	0.16	14,500	0.16	26,000	0.16	17,000	0.16
4	12,000	0.17	11,000	0.17	20,000	0.17	13,000	0.17
5	9,550	0.18	8,600	0.18	16,000	0.18	10,000	0.18
6	8,000	0.20	7,200	0.20	13,000	0.20	8,500	0.20
7	6,800	0.22	6,100	0.22	11,500	0.22	7,300	0.22
8	6,000	0.24	5,400	0.24	9,900	0.24	6,400	0.24
9	5,300	0.27	4,800	0.27	8,800	0.27	5,700	0.27
10	4,800	0.30	4,300	0.30	8,000	0.30	5,100	0.30
12	4,000	0.33	3,600	0.33	6,600	0.33	4,250	0.33
14	3,400	0.36	3,050	0.36	5,700	0.36	3,650	0.36
16	3,000	0.39	2,700	0.39	5,000	0.39	3,200	0.39
18	2,650	0.42	2,400	0.42	4,400	0.42	2,850	0.42
20	2,400	0.45	2,150	0.45	4,000	0.45	2,550	0.45