

Recommended RPM for Cup Wheel & Cutter

Diameter		RPM for Cup Wheel	RPM for Cutter
4"	105mm	6000	10500
4.5"	115mm	6000	10500
5"	125mm	5500	10500
6"	150mm	4500	10000
7"	180mm	4500	8500
8"	200mm	4000	7600
9"	230mm	4000	6600
10"	250mm	3600	6100
12"	300mm	3000	5100
14"	350mm	2500	4300
16"	400mm	2000	3800

Recommended RPM for Core Drill

Diameter	Hand-held Grinder RPM	Machinery (CNC) RPM
5mm ~ 15mm	3200 ~ 6500	2500
20mm ~ 25mm	3200 ~ 6500	3200
30mm ~ 40mm	5600 ~ 6500	2700 ~ 3200
42mm ~ 50mm	4500 ~ 5300	2200 ~ 2700
52mm ~ 60mm	3700 ~ 4200	1800 ~ 2100
62mm ~ 70mm	3000 ~ 3600	1600 ~ 1800
72mm ~ 80mm	2700 ~ 3000	1400 ~ 1600
82mm ~ 90mm	2400 ~ 2700	1200 ~ 1400
92mm ~ 100mm	2100 ~ 2400	1100 ~ 1200
102mm ~ 110mm	2000 ~ 2100	1000 ~ 1100
112mm ~ 120mm	1800 ~ 2000	900 ~ 1000
122mm ~ 130mm	1700 ~ 1800	800 ~ 900
132mm ~ 140mm	1600 ~ 1700	700 ~ 800
142mm ~ 150mm	1400 ~ 1600	700
152mm ~ 160mm	1300 ~ 1400	700
170mm	1300	650
180mm	1200	600
190mm	1100	600
200mm	1000	550