

利用砂輪的直徑及圓周速度檢查比對砂輪機轉速

Diameter – peripheral speed – r/min

The table below will help you to translate the peripheral speed of the grinding wheel to the correct rotational speed of the grinder when using a specific diameter of grinding wheel.

砂輪直徑

Grinding wheel dia mm	Peripheral speed in meters per second 圓周速度													
	10	15	20	25	28	30	33	35	40	45	48	50	60	80
25	7640	11460	15280	19100	21390	22920	25210	26740	30560	34380	36670	38200	45840	61120
40	4770	7160	9550	11930	13370	14320	15750	16710	19100	21480	22920	23870	28650	38200
50	3820	5730	7640	9550	10690	11460	12600	13370	15280	17190	18330	19100	22920	30560
63	3303	4540	6060	7580	8480	9090	10000	10610	12120	13640	14550	15150	18190	24250
80	2380	3580	4770	5960	6680	7160	7870	8350	9550	10740	11460	11930	14320	19100
100	1910	2860	3820	4770	5340	5730	6300	6680	7640	8590	9160	9550	11460	15280
115	1160	2490	3320	4150	4650	4980	5480	5810	6640	7470	7970	8300	9960	13400
125	1520	2290	3050	3820	4270	4580	5040	5340	6110	6870	7330	7640	9160	12280
150	1270	1910	2540	3180	3560	3820	4200	4450	5090	5730	6110	6360	7640	10180
180	1060	1590	2120	2650	2970	3180	3500	3710	4240	4770	5090	5300	6360	8480
200	950	1430	1910	2380	2670	2860	3150	3340	3820	4290	4580	4770	5730	7640
230	830	1240	1660	2070	2320	2490	2740	2900	3320	3730	3980	4150	4980	6640
250	760	1140	1520	1910	2130	2290	2520	2670	3050	3430	3660	3820	4580	6110
300	630	950	1270	1590	1780	1910	2100	2220	2540	2860	3050	3180	3820	5090

砂輪機轉速不可超過砂輪規定的最高轉速以確保安全