

Mounted Points: Technical Information

Maximum Operating Speeds

Maximum operating speeds are dependent on the shape and size of the wheel, the size of the shank, and the amount of overhang. The table of speeds given below for ATI Garryson Mounted Points is based on a maximum overhand 'O' of 1/2" (13mm).

| Shape No. | M.O.S (RPM) |
|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|
| A1 | 19,800 | B41 | 33,750 | W144 | 105,000 | W196 | 32,250 |
| A2 | 38,000 | B42 | 33,750 | W145 | 105,000 | W197 | 21,000 |
| A3 | 16,100 | B44 | 68,400 | W146 | 105,000 | W200 | 47,750 |
| A3S | 17,000 | B46 | 105,000 | W152 | 105,000 | W201 | 47,750 |
| A4 | 29,840 | B52 | 45,370 | W153 | 80,850 | W203 | 47,750 |
| A5 | 45,000 | B53 | 60,000 | W154 | 70,000 | W204 | 42,750 |
| A11 | 19,860 | B62 | 41,020 | W160 | 81,370 | W205 | 34,500 |
| A12 | 48,000 | B71 | 59,680 | W162 | 68,400 | W207 | 24,000 |
| A13 | 33,950 | B81 | 47,750 | W163 | 60,000 | W208 | 18,750 |
| A14 | 53,050 | B91 | 34,500 | W164 | 45,900 | W215 | 38,200 |
| A15 | 72,750 | B92 | 81,370 | W170 | 55,000 | W216 | 38,200 |
| A21 | 34,500 | B97 | 105,000 | W175 | 54,000 | W218 | 38,200 |
| A23 | 39,370 | B98 | 105,000 | W176 | 45,370 | W220 | 25,500 |
| A24 | 76,500 | B101 | 33,750 | W177 | 66,000 | W222 | 15,900 |
| A25 | 35,620 | B103 | 59,680 | W178 | 55,200 | W226 | 29,840 |
| A26 | 59,680 | B104 | 68,400 | W179 | 45,000 | W227 | 29,840 |
| A31 | 27,260 | B121 | 45,370 | W183 | 73,460 | W228 | 29,840 |
| A32 | 38,200 | B122 | 61,650 | W185 | 61,500 | W230 | 20,400 |
| A33 | 38,000 | B123 | 104,250 | W186 | 50,000 | W232 | 14,250 |
| A34 | 25,130 | B131 | 34,500 | W187 | 40,000 | W236 | 25,130 |
| A35 | 38,200 | B132 | 45,370 | W188 | 30,370 | W242 | 19,100 |
| A36 | 23,520 | B133 | 54,000 | W189 | 24,000 | | |
| A37 | 29,840 | B135 | 60,000 | | | | |
| A38 | 34,500 | | | | | | |
| A39 | 47,250 | | | | | | |

If an overhang of more than 1/2" (13mm) is used, the maximum permissible operating speeds are reduced.

See the Health and Safety Executive publication ref. HS (G) 17 and the European Safety Co. issued by the Federation of European Producers of Abrasive Products (FEPA No. 12GB74).

Important Safety Instructions

1. Do not exceed the maximum permissible operating speeds and overhang of points.
2. Always wear eye protection.
3. Check that the bearings and collet of your grinder are not worn.
4. Avoid excessive pressure which could damage the mandrel.