

All questions require calculation of the spindle speeds. Your answers must be within 2 r/min.

#	Question	Answer
1	Calculate r/min using the <b>precise</b> formula for 0.625 drill and 75 ft/min surface speed	
2	Drill diameter is 8 mm, surface speed is 27 m/min - calculate the r/min	
3	Calculate r/min using the <b>simple</b> formula for 12 mm drill and 20 m/min surface speed	
4	Surface speed is 350 ft/min, part diameter is 5.25 inches - calculate the r/min	
5	Calculate r/min using the <b>precise</b> formula for 12 mm drill and 20 m/min surface speed	
6	Surface speed is 147 m/min, part diameter is 105.45 mm - calculate the r/min	
7	Surface speed is 600 ft/min, part diameter is 0.75 inches - calculate the r/min	
8	Calculate r/min using the <b>simple</b> formula for 0.625 drill and 75 ft/min surface speed	
9	Drill diameter is 0.5 in., surface speed is 120 ft/min - calculate the r/min	
10	Surface speed is 110 m/min, part diameter is 16.75 mm - calculate the r/min	