

**Sugino Corp.**

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- 1/3 HP spindle motor
- 1300-12,000 fixed rpm spindle speed range
- Typical drilling capacity in mild steel is 1/4 in. (6.5 mm)
- Typical drilling capacity in cast iron is 5/16 in. (8 mm)
- Typical drilling capacity in aluminum is 23/64 in. (9 mm)
- Standard stroke of 3.15 in. (80 mm)
- Standard JT1 type spindle for drill or collet chucks with integral collet and special spindles available as options

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<u>Model #</u>	<u>Spindle RPM (no load)</u>	<u>Aluminum Drill Size</u>	<u>Cast Iron Drill Size</u>	<u>Mild Steel Drill Size</u>	<u>Theoretical Spindle Torque</u>	<u>Thrust</u>	<u>Standard Stroke</u>
<u>GSA-2-3100U</u>	12000	7/64 in 2.5 mm	3/64 in 1 mm	3/64 in 1 mm	0.15 ft.lbs 2.0 kg.cm	256 lbs 116 kg	3.15 in 80 mm
<u>GSA-2-3065U</u>	10000	1/8 in 3 mm	3/64 in 1 mm	3/64 in 1 mm	0.17 ft.lbs 2.4 kg.cm	256 lbs 116 kg	3.15 in 80 mm
<u>GSA-2-3060U</u>	7200	5/32 in 4 mm	1/16 in 1.5 mm	1/16 in 1.5 mm	0.24 ft.lbs 3.4 kg.cm	256 lbs 116 kg	3.15 in 80 mm
<u>GSA-2-6045U</u>	5400	7/32 in 5.5 mm	5/64 in 2 mm	5/64 in 2 mm	0.32 ft.lbs 4.5 kg.cm	256 lbs 116 kg	3.15 in 80 mm
<u>GSA-2-6030U</u>	3600	1/4 in 6.5 mm	1/8 in 3 mm	1/8 in 3 mm	0.48 ft.lbs 6.8 kg.cm	256 lbs 116 kg	3.15 in 80 mm
<u>GSA-2-6020U</u>	2400	19/64 in 7.5 mm	11/64 in 4.5 mm	11/64 in 4.5 mm	0.72 ft.lbs 10.1 kg.cm	256 lbs 116 kg	3.15 in 80 mm
<u>GSA-2-6015U</u>	1800	5/16 in 8 mm	15/64 in 4.5 mm	15/64 in 4.5 mm	0.96 ft.lbs 13.5 kg.cm	256 lbs 116 kg	3.15 in 80 mm
<u>GSA-2-6010U</u>	1300	23/64 in 9 mm	5/16 in 8 mm	1/4 in 6.5 mm	1.33 ft.lbs 18.7 kg.cm	256 lbs 116 kg	3.15 in 80 mm

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