

PROJECT TITLE: 5cm Ruler Keyring



Boxford suggested laser cutting and engraving parameters for BGL range of machines - please note: settings may need to be adjusted depending on the quality and true thickness of the material being used.

Machine power	Material	Parameter	Processing mode	MIN POWER	MAX POWER	SPEED	AIR ASSIST (On / Off)	NOTES
BGL350 (50w)	Acrylic	Scan engrave	Scan / fill	16%	16%	300 mm/sec	OFF	
BGL350 (50w)	Acrylic	Vector engrave	Cut / line	15%	15%	200 mm/sec	OFF	
BGL350 (50w)	Acrylic	CUT 3mm	Cut / line	80%	85%	10 mm/sec	ON	
BGL460 (80w)	Acrylic	Scan engrave	Scan / fill	25%	30%	500 mm/sec	OFF	
BGL460 (80w)	Acrylic	Vector engrave	Cut / line	15%	20%	300 mm/sec	OFF	
BGL460 (80w)	Acrylic	CUT 3mm	Cut / line	80%	85%	20 mm/sec	ON	
BGL690 (80w)	Acrylic	Scan engrave	Scan / fill	12%	15%	500 mm/sec	OFF	
BGL690 (80w)	Acrylic	Vector engrave	Cut / line	15%	20%	500 mm/sec	OFF	
BGL690 (80w)	Acrylic	CUT 3mm	Cut / line	80%	85%	25 mm/sec	ON	
BGL1390 (100w)	Acrylic	Scan engrave	Scan / fill	12%	14%	500 mm/sec	OFF	
BGL1390 (100w)	Acrylic	Vector engrave	Cut / line	15%	18%	500 mm/sec	OFF	
BGL1390 (100w)	Acrylic	CUT 3mm	Cut / line	80%	85%	30 mm/sec	ON	