

Commands to Control the 1-DOF Laser Robot

Command	Shorthand	Parameter	Description
todeg	td	float (degrees)	Rotate to an absolute degree position.
bydeg	bd	float (degrees)	Rotate by a specified degree.
tostep	ts	int (steps)	Rotate to an absolute step position.
bystep	bs	int (steps)	Rotate by a specified number of steps.
tohole	th	int (hole number)	Rotate to an absolute hole position.
byhole	bh	int (hole number)	Rotate by a specified number of holes.
todegease	tde	float (degrees)	Rotate to an absolute degree position with ease.
bydegease	bde	float (degrees)	Rotate by a specified degree with ease.
tostepease	tse	int (steps)	Rotate to an absolute step position with ease.
bystepease	bse	int (steps)	Rotate by a specified number of steps with ease.
toholeease	the	int (hole number)	Rotate to an absolute hole position with ease.
byholeease	bhe	int (hole number)	Rotate by a specified number of holes with ease.
setdeg	sd	float (degrees)	Set the current position in degrees.
setstep	ss	int (steps)	Set the current position in steps.
settlr	st	int (microseconds)	Set the delay tolerance in microseconds.
setzero	sz	No parameter	Set the current position to zero degrees.
homezero	hz	No parameter	Home to the zero position.
tolimsw	tl	No parameter	Rotate to the limit switch.
laseron	ln	No parameter	Turn on the laser.
laserooff	lf	No parameter	Turn off the laser.
beam	bm	No parameter	Emit a laser beam for a moment.
withweight	ww	No parameter	Set offset position of limit switch for use with weight.
noweight	nw	No parameter	Set offset position of limit switch for use without weight.
printpos	pp	No parameter	Print the current position in steps and degrees.