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Adding lever handles to the Losmandy G11 knurled clutch knobs

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Tools and Parts:

1. 2 inch long, 3/8-16 one-end threaded stainless steel 18-8 studs (make the handles)
(McMaster-Carr \$5.63 each 97042A324 ([97042A324](#)))
2. 5/16 drill (use for 3/8-16 tap).
3. 3/8-16 tap
4. tapping lubricant

Steps:

1. Drill a hole straight through the diameter of the RA and DEC clutch knobs, using the 5/16 drill. Use plenty of tapping lubricant also for drilling, to keep the aluminum from galling on the drill bit.
2. Tap the hole using the 3/16-18 tap. Start from each outside and tap toward the middle. Do not tap the hole all the way through - you want the threads to be incomplete, so the threaded rod (handles) will lodge in the hole.

