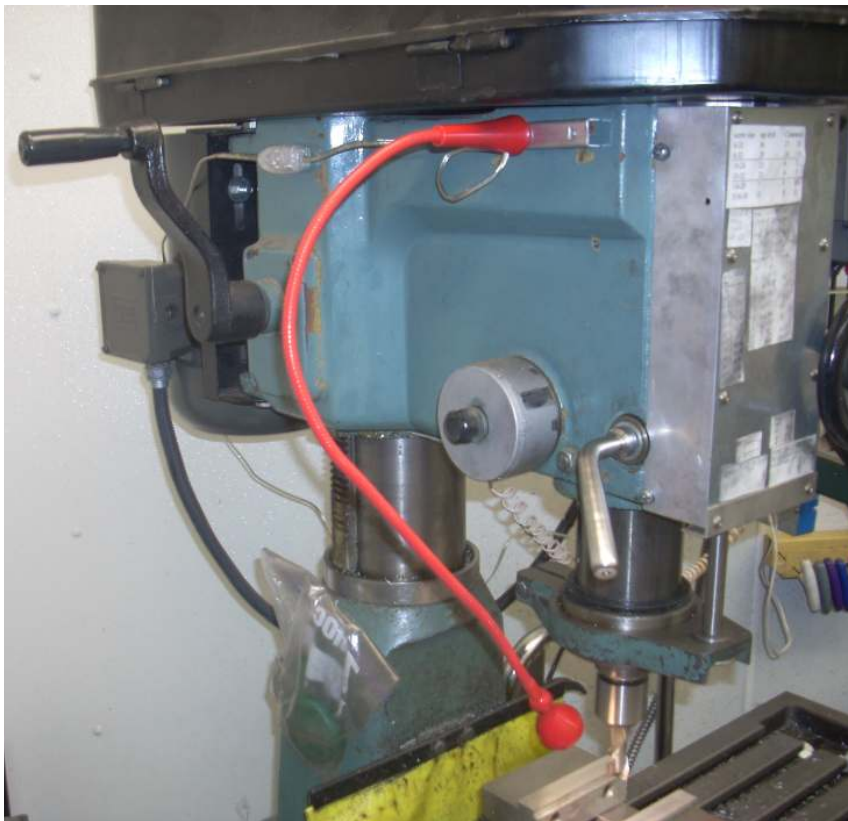


A Low Cost Mill Mounted Spotlight

By R. G. Sparber but the idea came from Gregg of Valley Metal Club

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I was having lunch not far from the local IKEA when I received an email from Gregg of the Valleymetal Yahoo BBS. He said that IKEA had these great little high intensity LED spot lights for only \$10. The rest is history...

The original base has been saved for some, yet to be identified, project. Instead I bolted the flexible arm to a piece of aluminum channel. The in line switch is simply double sided foam taped to the mill head.

You can find the light at

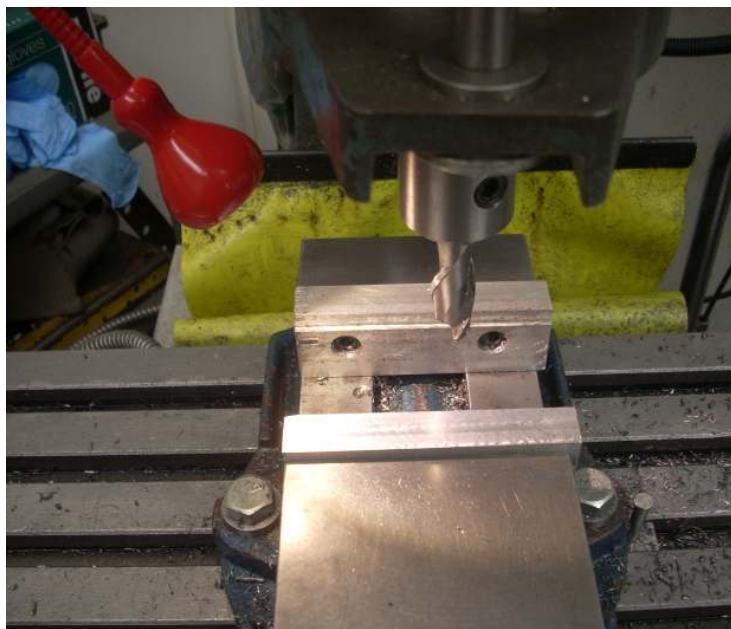
<http://www.ikea.com/us/en/catalog/products/20169658/>



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To the right of my mill I have added a power strip with switch. The wall wart to the left is for the spot light.



My shop is about 150 square feet and I have 1 KW of high efficiency fluorescent fixtures in the ceiling. Yet the little spot light still makes a noticeable difference in the shadow of the mill head.

The LED and its enclosure is tiny and light which means the flexible arm is not being pulled down from excessive weight.

I welcome your comments and questions.

Rick Sparber
Rgsparber@aol.com