

Screw Costs

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[\(10\)](#) » [How to buy a screw - part III](#) » [Save money - monitor the little things](#) » **[Screw Costs](#)**

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Screws always seem expensive when you want to change how your process is running. Consequently, many people tend to run a poorly performing screw long after it should have been changed. Convert the cost of the screw into an equivalent volume of resin or into a profit per day from this line and determine the real payback for the cost of the screw. In my industry, screws cost \$30 - \$40,000 each, but at 3000 pounds per hour of a \$.40 per pound resin, if you waste 100,000 pounds of resin, you justified the cost of a new screw. A new screw would represent 33 hours of processing. The message is that if the screw is not meeting your needs, take it out and throw it away because after all it's only worth one to two days worth of resin. Add the wasted labor and overhead cost and the justification is even higher.

- E. Mount

See also:

- [How to buy a screw Part I](#)
- [How to buy a screw Part II](#)
- [How to buy a screw - part III](#)

Return to [Consultants' Corner](#)