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plastic place

Capture The Magic Inside A...

KALEIDOSCOPE

...and You Can Make It Yourself!



The visual marvels inside a kaleidoscope are magical. It turns the most mundane objects into arresting geometric patterns. You can make your own kaleidoscope with our kaleidoscope kit available at TAP Plastics. At TAP Plastics, we do the cutting, so all you have to do is cement the pieces together.

The housing is a 10" length of $\frac{1}{8}$ " thick clear acrylic tubing with an inside diameter of $1\frac{1}{4}$ ". At one end, affix an $\frac{1}{8}$ " thick, $1\frac{1}{4}$ " diameter clear plastic disk using acrylic cement.

Three strips of $\frac{1}{8}$ " thick mirrored acrylic, each cut to $\frac{15}{16}$ " wide by $9\frac{5}{8}$ " long will form a three-sided prism shape (a prismold) that should fit snugly inside the tube. If this is loose, apply a little cement on the edges that will touch the interior tube walls, then slide in the strips until they butt against disk.

On the other end of the tube, glue a $1\frac{1}{2}$ " clear solid plastic cabochon to act as refractor lens.

Other options you could try include forming a chamber between two more of the disks with a little longer tube. The space between the disks could hold anything from confetti or colored crystals to tiny seashells; these objects then become the focus for the kaleidoscope.

More detailed instructions available at:
http://www.instructables.com/id/How_to_make_a_kaleidoscope_1/

Kaleidoscope Kit Contents



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