

EMS Helps Drummers Keep Control.

One of the many tricks an experienced drummer can do is spin his sticks while playing. This takes a lot of practice to be able to do this without missing a beat and keeping control of the sticks. If the drummer were to lose his sticks while doing this trick it could be embarrassing and throw the whole band off beat.

The Problem

A young entrepreneur barely out of high school had an idea that would allow any drummer regardless of their experience the ability to spin their sticks with complete control. He called the product the "Drummers Leash" and built a prototype in his father's garage. After much testing and refining he knew he had a great product but needed help to bring it to the market.

The way the Drummers Leash works is there is a Velcro strap that goes around the drum stick and another one around the drummer's finger. They are held together by a small plastic washer. This allows the drummer to spin the stick as fast as they want with no chance of losing the stick. In addition, since the washer are on the inside of the hand no one can tell the drummer is wearing it.

The Solution

After seeing a presentation by EMS at a local inventors group the young entrepreneur contacted EMS to help refine his design, source the components and bring the product to market.

EMS worked with the customer to design a plastic housing the Velcro fit through and sourced a specific flanged bearing that fits inside. EMS also helped determine the best fastener to hold the Velcro to the housing. EMS then created the plastic housing in 3D CAD and built some ABS rapid prototypes to test out the design. The rapid prototype proved very successful and the customer was extremely happy. Finally, EMS worked with a local injection molding company to build a mold for the plastic piece. This allowed large quantities of the part to be made at a very low cost.

Conclusion

EMS has helped hundreds of companies bring their product to market, even young entrepreneurs with a limited budget but a great idea. Look for the Drummers Leash at any music store or online.

To learn more visit www.ems-usa.com



Learning to spin a drumstick takes lots of practice



Original prototype of the Drummers Leash



Finished product