

# MIKI NEW HARDWARE CONTEST 2017 Award product Description

Prize	The product	Use	Features
	The winner		
<b>Gold Prize</b>	<b>ANZEX-K</b> <b>Miyanaga Co.,Ltd</b>	Post-construction system components for anchor construction work	(1) Includes a set of system components and related construction tools that include metallic base-expanding type anchors, which are used by first preparing holes in which the anchors are inserted, after which the bases of the anchors expand, thereby mechanically holding them in place. (2) Compared to chemical anchors that simply adhere to the insides of the prepared holes, or expanding-type anchors for which the anchors expand in overall size and are held in place, these anchors do not carry any risk of the anchors falling out due to degradation caused by aging. (3) We also offer consultations geared toward individuals in charge of construction work, through which we can accommodate customer needs related to things such as bolt material and dimensions.
		Judge's comment  In the past, there was an accident where the "anchor bolts" used to fix a hanging metal fitting to the ceiling plate on the inside of a tunnel came loose, causing the plate to fall. This product makes use of anchors with a reverse tapered tip, which are fitted into the concrete surface making use of a novel method, so that falling out of the anchors is prevented. We would like to express our high praise for this product that makes use of sophisticated technology to increase public safety in spaces such as this that are used by large numbers of people on a daily basis. In addition to the exceptional design of the anchor bolts and the hole opening tool, we would also like to recognize the entire line of tools that have been systematically developed by this manufacturer and that are vital in the deployment of this system, such as the hole opening verification tool, etc. We would also like to acknowledge the technical expertise of the manufacturer in designing a product that provides such complex functionality while maintaining compact size, as well as the uniform aesthetic and functional beauty of the product, which is also a testament to their engineering prowess.	
<b>MIKI NEW HARDWARE Prize</b> ☆Special Award for Design☆	<b>ZETSAW VIII265</b> <b>Okada Hardware Mfg Co.,Ltd.</b>	Cutting wooden materials	(1) This product takes a Z-saw and adds a folding mechanism to the blade replacement mechanism. Although this mechanism itself is quite complex, the design of the product maintains a compact and sharp profile. (2) In addition to allowing for vertical/horizontal/diagonal sawing, its thin-shaped blade can be used for slitting, and it can be used in a variety of different situations at the site of construction, etc.
		Judge's comment  We would like to commend the manufacturer for keeping the same replaceable blade functionality, while designing this product with a compact and light-weight fold-up mechanism and a grip that exhibits a sleek form. The handle allows for easy sawing, allowing sawing to be performed without inducing fatigue in the operator. It also features a simple form that evokes a sense of familiarity in users that are more used to using saws with wooden handles. We would like to praise the manufacturers for taking into account the needs of users that are more acclimated to using conventional sawing methods, and for designing a user-friendly product that places more of an emphasis on ease of use, rather than ease of manufacture.	
	<b>Harvest Shears for lefty</b> <b>SABOTEN Co.,Ltd.</b>	Harvesting clipper that is designed for use by left-handed operators	(1) This harvesting clipper is the first harvesting clipper designed for left-handed use, to be offered as a standard product. (2) The performance and cost of this product is the same as that of the previously offered clippers designed for right-handed users.
		Judge's comment  The release of this product comes as great news for left-handed agricultural workers that have been putting up with having to use harvesting clippers designed for right-handed users. The longer such workers are forced to use tools that are not suitably designed for their hands, the greater the amount of stress placed on such workers. In particular, when such work is being performed for industrial purposes, the amount of time demanded for such work is longer. We would like to laud the manufacturers for their "ergonomically friendly design" that thoroughly takes into account the needs of a user-base that is too often overlooked.	
<b>ADJUSTABLE CIRCLE CUTTER</b> <b>T.C.T ADJUSTABLE CIRCLE CUTTER</b> <b>STAR-M CORPORATION</b>	Hole opening work to open small diameter holes	(1) This product is capable of performing hole opening work for holes of a size of 25mm to 75mm. (2) The product features a mechanism with a screw-type slide blade that makes hole width adjustment easy and prevents hole opening errors. (3) The blade part allows for the usage of replaceable blades. The materials these blades can be used on include everything from general wooden materials, plaster boards, siding materials, among the variety of materials that can be handled.	
	Judge's comment  The adjuster of the freely-adjustable drill can be easily operated by using either the left or right dial, allowing for good operability, and the diameter scale used for size adjustment is large and easy to see. We would also like to praise how the product's functionality, which reduces the amount of workload for the operator, can be easily identified at first glance, and how the product itself has an overall design that is aesthetically pleasing.		