

MIKI NEW HARDWARE CONTEST 2018 Award product Description

Prize	The product The winner	The product picture	Use	Features	
👑 Gold Prize 👑	Cable Guide Drill bit		Opening holes in composite walls for cabling	(1) Until now, although it had been necessary to individually prepare the appropriate drills when performing conventional drilling for various siding materials (ceramic, metallic, wooden), this drill combines all of these into a single tool, which is capable of handling a wide variety of different materials. (2) After passing through the wall materials, it is possible to mount a wire to the hole that is equipped on the main body of the drill bit in order to proceed with work to draw in the cable.	
	Miyanaga Co.,Ltd			In addition to making it possible to perform hole opening using a single drill for drilling performed on composite walls that consist of various materials, such as ceramic materials, metallic siding, and wooden materials, etc., by making use of an ultra-hard tip that features a specialized shape, this drill is also equipped with a wire hole on the main body of the drill bit that allows the user to perform work to draw in the cable, thereby reducing the amount of stress caused and improving the efficiency of cable pilot hole opening work, and we give this product high marks for meeting the needs of usage at the work site by using a simple approach to provide a specific solution.	
MIKI NEW HARDWARE Prize ☆Special Award for Design☆	CONCRETE INSPECTION HAMMER 1/2LB		Hammer used for tunnel/bridge/road pavement/vehicle inspections (Size is equivalent with that for the roughly 1/2-pound hammering test partially specified by the Ministry of Land, Infrastructure, Transport, and Tourism)	(1) By designing it with 3 striking surfaces, this hammer eliminates the need to perform work in an unnatural posture, and since it is able to reduce the amount of stress placed on the user's body, this results in increased work efficiency.	
	IMOTO HAMONO CO.,LTD.			By increasing the number of striking surfaces on the test hammer from 2 to 3 surfaces, this hammer provides the user with an increased number of options in terms of striking methods that can be used, thereby reducing the number of instances where work is performed in an unnatural posture. Not only does this hammer reduce the amount of stress placed on the user's body, it also allows the user to enjoy increased work efficiency and improved precision, and it is also expected that it will help to prevent the occurrence of accidents. The glass fiber shaft and rubber grip, in addition to the length options offered reflect the fact that product development was carried out with a thorough understanding of the user's usage conditions and work behavior.	
	<i>Judge's comment</i>		Rope cutting/grass mowing/rice reaping/vegetable harvesting work, etc.	(1) Each and every one of these "REAL EDGE" ultra-miniature chisel blades that make use of new technology have been set using a chisel, and every single one of these blades has been properly edged, thereby resulting in cutting performance that is several times superior to that of conventional products. (2) The stress placed on each single blade is dispersed in order to minimize wear, and this results in the light touch that is characteristic of its cutting quality. (3) It can be used for a wide variety of applications, such as cutting rope, mowing grass, harvesting vegetables, and reaping rice among other uses.	
	"REAL EDGE" KOUZAN serrated sickle			HOUNENKIHAN CO.Ltd.	Making use of the ultra-miniature chisel blades that were developed using sophisticated technology, this sickle provides superior cutting performance. When compared to conventional products, this sickle not only surpasses them in terms of improved performance, but it is also capable of being used for a wider range of purposes and usage applications. The packaging provides such things as measurement data on the sickle's cutting performance and a QR code, which allows the user to refer to the product's instruction manual, and from an aesthetic standpoint, the uniformity of the product color and label was indicative of how this product's overall development was handled in a reliable manner.
MIKI NEW HARDWARE Prize	N BAR 280mm		Nail puller that allows for easy removal of N50 to N75 nails, which were conventionally difficult to remove	(1) By changing the section used to latch on to the nail from a V-shape to a U-shape, this nail puller allows for easy removal of thick nails. (2) By adding a grip, it has become possible to firmly grip the nail puller without slippage occurring even for work requiring the user to apply significant strength.	
	IMOTO HAMONO CO.,LTD.				Scrapers for removing fish feed
	FISH SCALE REMOVER	IMOTO HAMONO CO.,LTD.			
	Metal Free for Wing Mower	Koyama Hardware Co.,Ltd.			Grass mowing for sloped surface/ridges between rice fields (blade for self-propelled sloped surface grass mowers)
	Metal Free for Spider Mower	Koyama Hardware Co.,Ltd.			
	MOKUBA DIN RAIL CUTTER	KOYAMA EDGED-TOOL WORKS CO.,LTD.			Blade replacement attachment for self-propelled grass mowers
	MAX260 Mower blade	SANYO METAL WORKS Co.,Ltd.			