













MIKI NEW HARDWARE CONTEST 2022 Award product Description

Prize	The product The winner	The product picture	Use	Features
👑Grand Prix👑	Drill for Post-anchor Construction		Fixing holes on a foundation while its anchor bolts are still inserted	(1) It allows users to reopen holes used to pass through anchor bolts while keeping a foundation in its place during construction work. (2) It allows users to easily fix passage holes in foundations. (3) There are no similar products on the market.
	STAR-M CORPORATION			
	Judge's comment			
Gold Prize	Expansion Drill		Fixing holes that have become off-center and misaligned	(1) This product can be used in situations where the user is trying to open holes on both sides of wooden materials by piercing them, and where misalignment of the center of the holes prevents the user from properly passing hardware through the holes. (2) There are no similar woodworking reamers on the market. (3) This product can be used to solve problems being faced at the worksite at factories for pre-cut wood and laminated wood, etc. (4) This product can be fabricated in various sizes depending on the user's requests.
	STAR-M CORPORATION			
	Judge's comment			
MIKI NEW HARDWARE Prize ☆Special Award for Design☆	SAFETY ROD FOR SLINGING		Ensuring safety during crane operation work	(1) This is a safety related product that has been commercialized to prevent the occurrence of occupational accidents that occur during crane operation work. (2) This product allows users to pull and push a suspended load without directly coming into contact with it. (3) The product has a telescopic shaft that can be hooked to the user's waist. (4) The head portion of this product is designed with a ring shape that allows the user to carry it with them by attaching it to a carabiner tool insert.
	DOGYU INDUSTRIAL CORP.			
	Judge's comment			
	Ultra Light Pendra Hoot TypeA,TypeB		Allowing the user to hook and carry pencil driver drills on their tool hook or waist belt	(1) This product allows users to take a pencil driver drill, which have conventionally only been possible to carry around in cloth holders, and hook it to their waist and carry it with them. (2) The A-type version of the product can be hooked to carabiners and U-shaped tool hooks. (3) The B-type version of the product can be hooked to the user's waist belt, clothing, single-pipe joints, and stepladders, etc. (4) The pencil driver drill battery can still be replaced even while this pencil driver drill hook is attached.
	Shimizu Mfg.Co.,Ltd			
	Judge's comment			
Modeledge 5 pieces Set		Chisels for model making	(1) This product is used for cutting plastic and resin materials. (2) This product is also suitable for performing such things as deburring work for plastic model kits. (3) Since the blades used are thick, this product allows the user to fully appreciate the advantages that a chisel has to offer. (4) Taking full advantage of the properties of high-speed steel, these chisels exhibit unyielding durability even when used to perform scraping work.	
MICHIAMONO INDUSTRIAL CO.,LTD.				
Judge's comment				

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MIKI NEW HARDWARE Prize	Drill Stand Rulo		Adjustable-angle drill stand	<p>(1) The main body of the product is made of die-cast steel to increase rigidity and minimize deformation during use.</p> <p>(2) The product has been designed to be lightweight to make it possible for both professionals and DIYers to perform high-precision drilling in all types of locations and to make it easier to carry around.</p> <p>(3) It has been equipped with a “chuck key holder” that allows the user to safely store the drill chuck key, which often tends to get lost.</p> <p>(4) By making use of a “Reuleaux triangle” design for the base, the product allows for a greater degree of positioning freedom.</p>
	STAR-M CORPORATION			
	Corner Cutter		Corner cutting tools for leather crafting	<p>(1) The arched 1/4 R blades allow the user to make clean, rounded cuts at the corners of leather materials.</p> <p>(2) There is no need to use a hammer since the blades feature excellent sharpness.</p> <p>(3) The user can easily cut the materials by simply pressing the blades into the leather.</p> <p>(4) Aokami (“blue paper”) cutlery steel has been used for this tool to provide excellent sharpness!</p>
	MICHIAMONO INDUSTRIAL CO.,LTD.			
	WHEEL FOR SHUTTER ROLLUP		For fireproof shutter hoisting work performed during fire-prevention equipment inspections	<p>(1) This is a dedicated tool used to more efficiently perform shutter hoisting work.</p> <p>(2) By attaching it to the end of an electrical drill and by rotating the wheel portion, it can be used to perform high-speed hoisting of manually operated chains used for opening and closing shutters.</p> <p>(3) The shaft is resistant to breakage and exhibits superior impact resistance.</p> <p>(4) The rubber portion can be replaced.</p>
	DOGYU INDUSTRIAL CORP.			
	Protect Cutter		For weed removal work around electrical fences and wire mesh used for animal damage control	<p>(1) Since the outer diameter of the wide cover is 10 mm larger than the mowing blade, this prevents the mowing blade from striking poles even if it comes into contact with the poles of electrical fences.</p> <p>(2) Since both sides of the 4-bladed portion can be used, the product is economical, and furthermore, it is equipped with abrasive blades with excellent sharpness and features a shape that allows it to easily be resharpened.</p> <p>(3) Unlike with nylon cutters, it can safely be used without the fear of its cord getting caught and wrapped around poles.</p> <p>(4) Its wide cover significantly helps to prevent grass from getting tangled up in its gear case.</p>
	Sanyo Metal Works Co.,Ltd.			
	Tsunesaburo dried-bonito plane		Tool for shaving honkare bonito	<p>(1) By being the first in the industry to make use of SKH steel materials, this product makes it possible to take honkare (“true dried”) bonito, which is recognized as the hardest food in the world, and easily cut it into long strips, while exhibiting durability that is roughly 3 times higher than SK materials and 2 times higher than products that use “blue steel.”</p> <p>(2) By making it unnecessary for the user to perform uradashi, which is a special manufacturing process that is said to be the most difficult technique to perform when using a planer, this product allows for much easier use.</p> <p>(3) Making use of yoshino cedar wood for the box, this product has been manufactured so that the wood grain for the top and bottom of the box align with each other.</p> <p>(4) For the planer, the company uses “pine” wood, which is the official tree of Miki City, and hand carves the materials in-house.</p>
	TSUNESABUROU Co.,Ltd.			
Mini hatchet 90 black polish finish		Pruning of garden trees and twig removal	<p>(1) This product can conveniently be used for pruning garden trees and twigs.</p> <p>(2) Its size makes it a convenient tool for making firewood for camping.</p> <p>(3) The product’s sheathe can be passed through a belt at an adjustable length to allow the user to carry it around in their desired position.</p> <p>(4) Shirokami (“white paper”) steel is used for this product giving it superior impact resistance and cutting performance.</p>	
ITO CORPORATION				
Sword hatchet 170 hammer tonefinisu 210		Removal of tree branches, vines, and weeds	<p>(1) The hammered surface makes it possible for users to immediately recognize that the product has been forged by hand.</p> <p>(2) Shirokami (“white paper”) steel is used for this product, and it exhibits superior impact resistance and cutting performance.</p> <p>(3) The sheathe has been designed with a novel mechanism to prevent the blade from coming loose.</p> <p>(4) The product’s sheathe can be passed through a belt at an adjustable length to allow the user to carry it around in their desired position.</p>	
ITO CORPORATION				