

# SUPER DUMBBELL®

## What is the Super Dumbbell® ?

We have had developed an ideal blade for cutting test piece of a high polymer, such as rubber, plastic and so on, for long time, and finally invented the **replaceable blade cutter system** that is patented. It is entirely different system from the conventional forging type die. When a cutting edge might be worn or be damaged you can replace that damaged edge by a new sharp blade instantly. **The most remarkable merit** of the Super Dumbbell® is its excellent cutting performance that is realized by strict manufacturing quality control. Thanks to special grinding method, it can minimize undesirable effects, such as crack and burr that may happen quite often with the cut test piece.



The Super Dumbbell® has a **spring type ejecting device** that ejects a cut test piece instantly with ease. Furthermore this device, called "Knock Out Device", sticks out a little bit from the edge of blade usually, which prevents to touch the edge accidentally making sure safety work. If you use the Super Dumbbell® you can get accurate, reliable and steady test result from the cut test piece. Therefore we have been receiving a lot of good reputation from many customers all over the world including Japan.

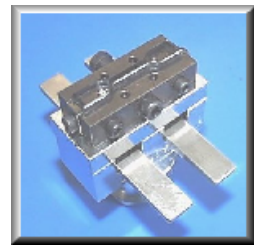
## Super Dumbbell Cutter



**SDK-500** JIS K6251-5, K7113-2, ISO37-1 etc.

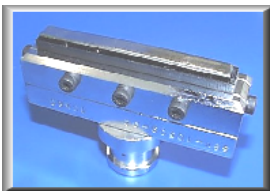


**SDMBK-1000N**  
JIS K6252 Angle Shaped with nick

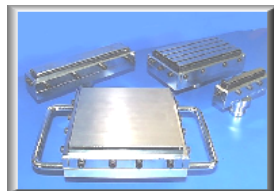


**SDMP-1000**  
JIS K6251-7

## Super Straight Cutter



**SSK-1000** 15 × 60mm

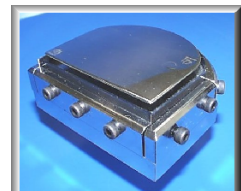


**Super Straight Cutter**  
Custom-made size

## Super Round-shaped Cutter



**Super Round-shaped Cutter**  
Custom-made size



**SDRK-1000** ASTM D1922  
for Elmendorf tear test piece

We are ready to supply you **every cutter for most of all standards** other than mentioned above. (ASTM, DIN, ISO, BS, IEC, UL etc.) We are ready to supply you any kind of cutter in size and of shape according to your request. (rectangular type, round shape type, special shaped type etc)  
The standard merchandise includes the standard accessory (Spare Blade 6 sets, Spare Bots & Nuts and Standard Tools) and is equipped with Standard Cutter Head for attaching to the cutting machine. When you need special cutter head please let us know it. We are ready to supply you required custom-made head according to our quotation in advance.

In order to realize excellent performance of SUPER DUMBBELL® we wish to recommend you strongly to introduce our SD Cutting Machine (either manual or pneumatic types) together with the SUPER DUMBBELL®.

### HANDLING ITEMS

Manufacturing of various kinds of Physical Testing Machines,  
Specimen Forming Molds for testing and Related Equipments  
SD type Sample Cutting Cutter and Related Equipments



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