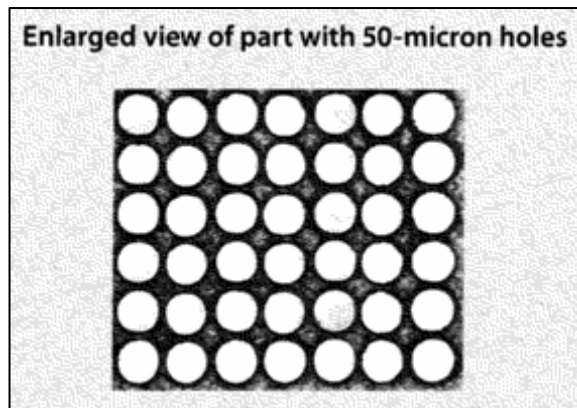


## ProFine® Test Socket Plate

### Machining Information

ProFine® is suited for high-precision machining including precision micro hole processing. Parts with 50 micron holes have been successfully produced with this material. Since practical results will differ depending on machining conditions, shapes, etc., careful consideration is required before implementation.

Hole diameter ( mm )	thickness (mm)	speed (mm <sup>-1</sup> )	feed rate (mm/min)	stepping amount (mm)
0.2	1	20,000 ~ 30,000	10 ~ 50	0.02 ~ 0.1



### Precautions for Machining and Use

Because ProFine® has high hardness for a resin material, drill selection, work piece support, and other factors are critical. Due to its composition, the material has little elongation and can get chipped easily. This should be taken into consideration during the parts design process. The glass temperature is lower than aromatic polyester. Use under high loads and high temperatures must be based on thorough tests prior to implementation.

**Call Professional Plastics at (888) 995-7767 or  
E-Mail [sales@proplas.com](mailto:sales@proplas.com)  
Order Online at [www.professionalplastics.com](http://www.professionalplastics.com)**