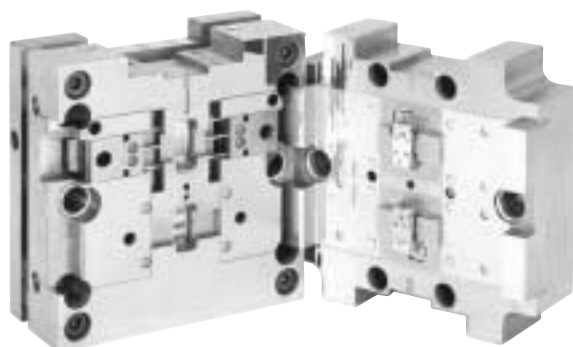


# 精密プラスチック成形品及び精密金型

## PRECISE PLASTICS MOLDED PRODUCT and PRECISE MOLD



### 概要

“精密のSANSYU”は精密プラスチック部品の成形および精密金型の製作を通して、お客様の生産性向上に貢献いたします。特にプラスチックの成形においては、異種材成形、薄肉成形、超小形精密成形のパイオニアとして、数々の新技術を確立、他の追随を許さない精度を誇っています。

### 特長

#### 異種材一体成形技術

- ・ 2種類の異なる材料を金型の中で組合わせて成形。
- ・ 柔らかい材料 + 硬い材料、透明材料 + 不透明材料などの組合せ実績があります。いろいろな組合せにチャレンジします。
- ・ 溶着工程、印刷工程などの2次加工が省略でき、コストダウンのお役に立てます。

#### 超薄肉成形技術

- ・ 厚み0.10mm以下の成形品の量産実績。
- ・ シート材では加工できない形状を実現。
- ・ 製品の軽量化、省スペース化に最適です。

#### 超小形精密加工技術

- ・ 外径1mm以下の成形品
- ・ 0.23mmの穴が多数あいた成形品
- ・ 幅0.1mmのスリットが80本入った成形品

### 用途

異種材一体成形品.....ローラー、各種スイッチ類、ケース  
超薄肉成形品.....スピーカーコーン、スペーサーなど  
超小形精密成形品.....ボビン、腕時計用歯車など

### Overview

“PRECISION of SANSYU” contributes to customers through the improvement of productivity by the molding of precise plastics part and the production of precise mold. Especially, in the molding of plastics, as a pioneer of unified molding from different materials, molding of thin parts and molding of very small parts, we have established various new techniques and we proud of high precision which excels by far from other companies.

### Feature

#### Technique on unified molding from different materials

- ・ In mold molding technique by the combination of two different materials.
- ・ We have experiences concerning combination of soft material + hard materials, transparent mater + opaque material and so on. We will challenge various combinations.
- ・ This contributes cost down because secondary processing operations such as welding and printing can be eliminated.

#### Technique in very thin molding

- ・ Experiences in mass production of products that have thickness of less than 0.1mm.
- ・ Realization of shape that cannot be manufactured from sheet.
- ・ Adequate for weight and space saving of product.

#### Technique on very small precision processing

- ・ Molded products that have dimension of less than 1mm in outside diameter.
- ・ Molded product that has mny 0.23mm holes.
- ・ Molded product that has 80 slits of 0.1mm width.

### Application

#### Unified molded product from different materials

.....Roller, Various switches, Case

#### Very thin molded product

.....Speaker cone, Spacer etc.

#### Very small precise molded product

.....Bobbin, Gear for wrist watch etc.