

Plastic Ball Screws

For customer's requests, KSS manufactures Ball Screws using several materials, because there are special environment which current steel cannot be adapted to. These products can be used under light load condition.

●Features

- Since it is lightweight, Inertia moment is small.
- It can be used in the water due to anti-rust.
- It can be used without a Grease.
- Less noises.
- Mass production is possible due to injection molding.
- It can be applicable to special environment(non magnetism, clean environment, heat resistance) by selecting materials.
- No metal wear powder come out of Ball Screws.



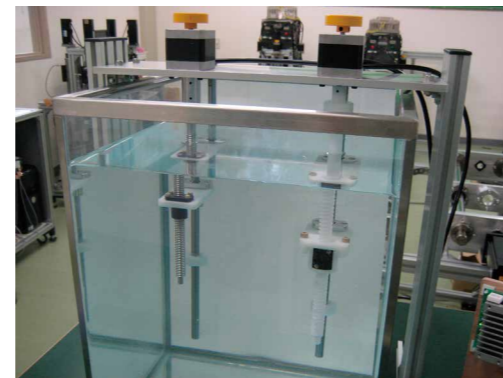
Plastic Ball Screw
Collaboration with Otsuka laboratory
Shizuoka Institute of Science and Technology



Ball Screw made from Vespel®
Vespel is Dupont registered trade mark.

If inexpensive Plastic Ball Screw is requested, Ball Screws can be manufactured from Polyamide(PA) or Polyacetal (POM).

Note) Please designate specific material when inquiring Plastic Ball Screws.
KSS will investigate the possibility of production.



Usage of Plastic Ball Screws in wate