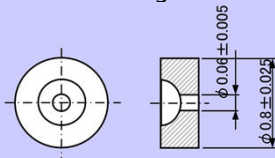
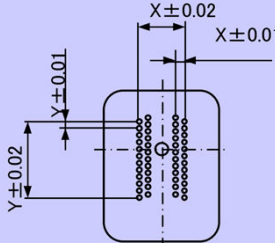
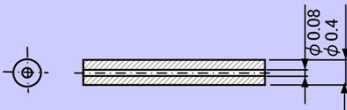
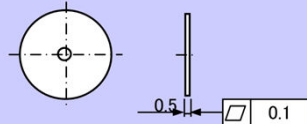
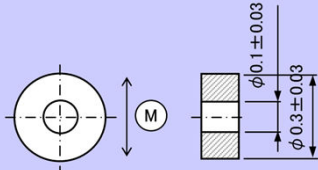


Material and Molding

We produce ceramic parts from raw material powder into various shapes. Small high-precision of powder press, near net shape and precise finishing are available with alumina, zirconia and magnet materials.

| Molding | Material | Processable range (note) | Feature | Example |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Near net shape | Alumina Zirconia | Diameter $\Phi 0.5 \sim 2$ mm Hole diameter $\Phi 0.06 \sim 1.18$ mm Thickness $0.2 \sim 0.5$ mm | Small size Precision molding | <Jewel bearing>  |
| | | Outline 10mm square Hole dia. $\Phi 0.2 \sim 0.5$ mm Thickness 2mm max. | Hole position accuracy | <Wire guide>  |
| | | Diameter $\Phi 0.4 \sim 3$ mm Hole dia. $\Phi 0.08 \sim 2.5$ mm Length 150mm max. | Slimline Small hole | <Pipe>  |
| | | Diameter $\Phi 10 \sim 25$ mm Thickness 0.5~1mm | Thin plate | <watch dial plate>  |
| Magnetic field press | Sintered Magnet • $\text{Sm}_2\text{Co}_{17}$ • SmCo_5 Bonded Magnet • $\text{Sm}_2\text{Co}_{17}$ • NdFeB | Diameter $\Phi 0.3 \sim 3.5$ mm Hole dia. $\Phi 0.1 \sim 1.5$ mm Thickness 0.3~5mm Diameter $\Phi 1 \sim 10$ mm Hole dia. $\Phi 0.3 \sim 8$ mm Thickness 0.5~10mm | | <Stepping motor magnet for Watch device>  |

note) Please inquire details separately.

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