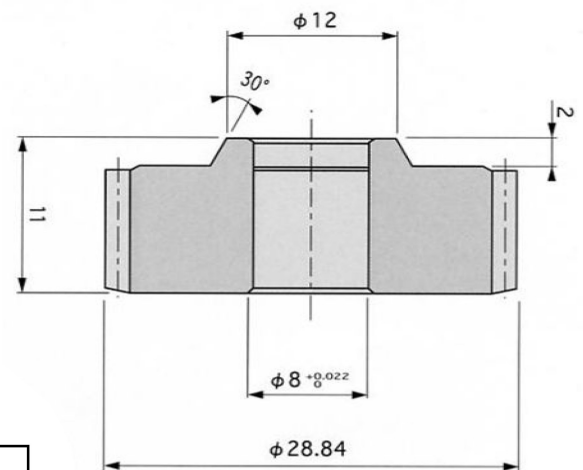
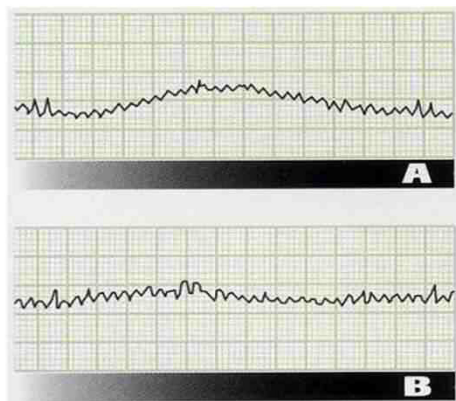




We realized to produce high accuracy sintered helical gear by developed high accuracy tooling, and sizing process.
The helical gear can reduce gear noise compared to spur gear in same length, because it has longer tooth contact.

Product Sample

| | | |
|--------------------|---|-----|
| Name | 32 Gear | |
| Number | A53-01 | |
| Material | PFF01 (SMF5030) | |
| Density | 6.7~6.8×10 ³ kg/m ³ | |
| Treatment | Anti rust oil dipping | |
| | Press-fit to knurling shaft | |
| Usage | OA Equipment | |
| | Module | 0.5 |
| Gear Specification | Number of Teeth | 32 |
| | Pressure Angle | 20° |
| | Helix Angle | 20° |



| | A | B |
|--------------------------------|---------|---------|
| Tooth-to-tooth composite error | 8μm | 8μm |
| Total composite error | 15μm | 11μm |
| Gear accuracy (JGMA) | Class 1 | Class 1 |