

# Hollow Torque Coil

To new fields by that we have cultivated in the automotive and medical fields.

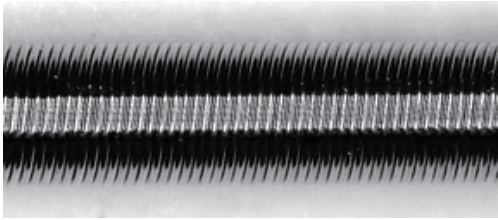
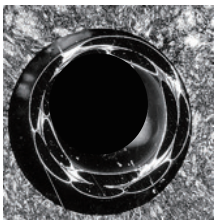
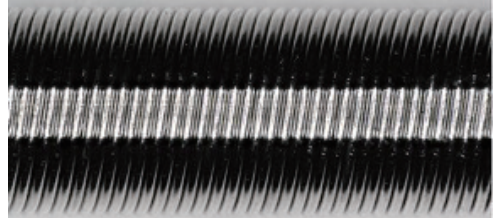
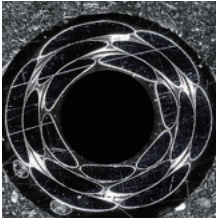
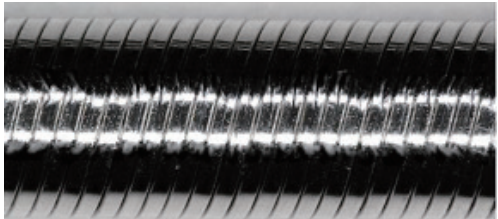
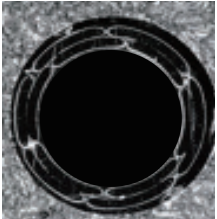
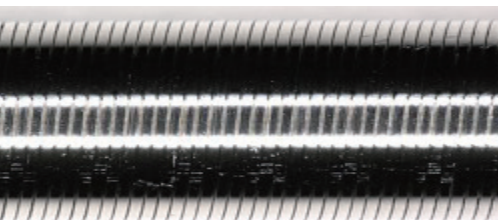
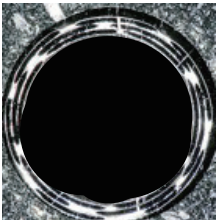
- ✓ "Hollow Torque Coil" is made by which multiple wires are coiled in multiple layers.
- ✓ "Hollow Torque Coil" has torque followability from hand side to tip side linearly.
- ✓ Achieves stable high-speed rotation even when the coil is in bending areas.

**"Hollow torque coil" is a multi-strand multilayer coil that is flexible and maintains performance even in bending areas.**

## Standard Specification

Material	Coil ID (mm)	Coil OD (mm)	Length (mm)	layers	Wires
SUS304	$0.3 \leq D \leq 2.5$	$0.3 \leq D \leq 2.5$	1,000 ~ 3,000	1~3	4~16

## Production example

Specification		Outside	Cross-section
OD	1.05mm		
ID	0.75mm		
Length	2,200mm		
Wire diameter	0.075mm		
Composition	6wires / 2layers		
OD	1.95mm		
ID	1.00mm		
Length	2,000mm		
Wire diameter	0.16mm		
Composition	6wires / 3layers		
OD	1.35mm		
ID	1.05mm		
Length	2,200mm		
Wire diameter	t:0.075 w:150mm		
Composition	6wires / 2layers		
OD	1.65mm		
ID	1.40mm		
Length	1,500mm		
Wire diameter	t:0.045 w:0.085mm		
Composition	6wires / 3layers		