

Comparison table of existing parts and S-TEC developed parts

Weight: Heavy

- ☑ Not suitable for thin Ti wall processing
- ☑ Not suitable for penetrant inspection
- ☑ Heavier than **120g**

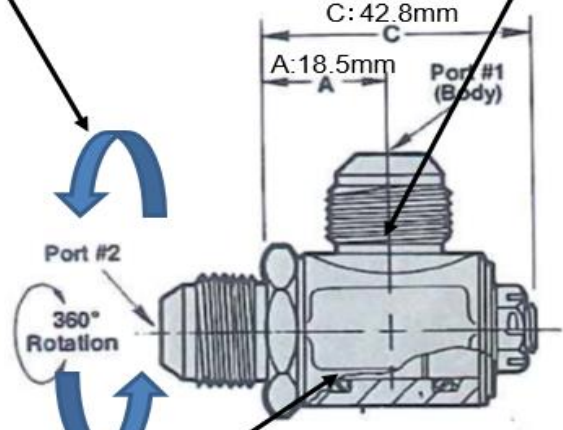
Rotation-torque: High

- ☑ Rotation torque $0.34\text{N} \cdot \text{m}$

Durability: Low

- ☑ Operation Guarantee : 2 hundred thousand times

< Conventional product (made by overseas manufacturer) >



Technical drawing of a conventional part. Dimensions: C: 42.8mm, A: 18.5mm. Labels: Port #1 (Body), Port #2. A circular arrow indicates 360° Rotation.

Weight: Light

- ☑ Compatible with Ti alloy thin wall processing
- ☑ Suitable for penetrant inspection
- ☑ Lighter than **100g**

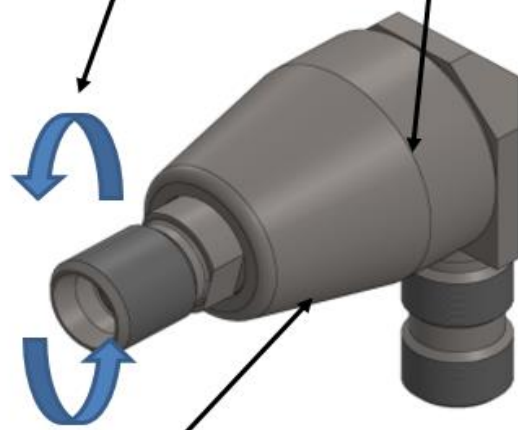
Rotational torque: Low

- ☑ Rotation torque $0.2\text{N} \cdot \text{m}$

Durability: High

- ☑ Operation Guarantee : 5 hundred thousand times
- ☑ Operating costs can be reduced by extending the service life.

< SLO-6603PR00(STEC) >



3D rendering of an S-TEC developed part. Blue curved arrows indicate rotational movement.