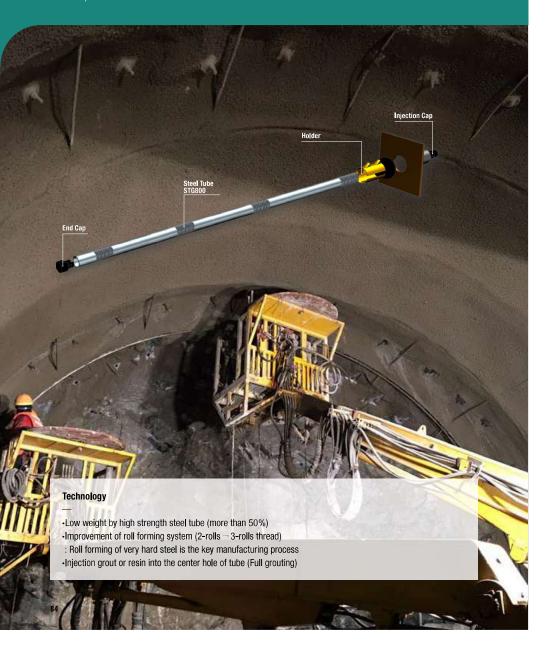
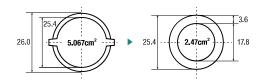
# **SP Rockbolt**

Smart Pipe Rockbolt



## Characteristic / Advantage

- ·Improvement of construct ability (50% Low weight)
- ·Increase of pullout force (Full grouting)





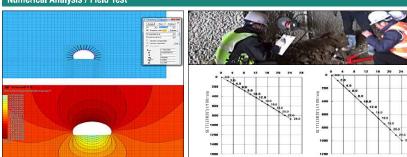




#### Spec / Standard

Туре	Elastic modulus E(kN/m²)	Cross-section area A(m²)	EA(MPa)	Yield strength(MPa)
Thread Bar(D350)		0.0005067	106.4	350
ERW Tube (G800)	2.1e+08	0.0002464	51.7	800

### Numerical Analysis / Field Test



#### **Applications**











