

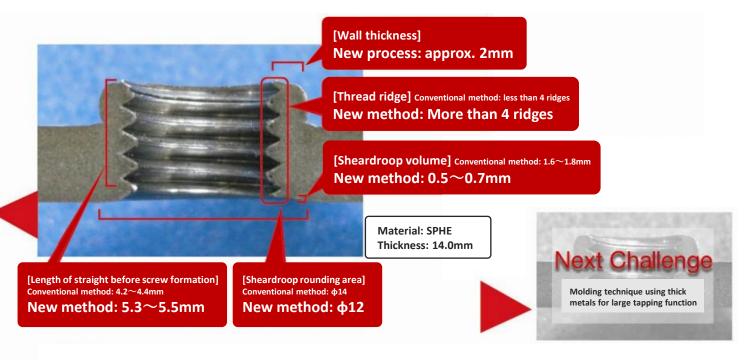
Quality requirement

- Tap: M8 × 1.25 (effective thread ridge: more than 4 ridges)
- Burring hight: below 6.5mm (Original thickness 4.0mm inclusive)
- Thread ridge breakage torque: more than 35N-m



Conventional process · shape characteristics

Burring diameter was small and less volume against the original material thickness(4.0mm), therefore it caused large sheardroop and shorter straight length. Therefore less screw thread with reduced installation flat area.



Key Points

• For screw formation material, it is currently possible to use 4.0mm thickness product where conventionally it was 5.0mm.

Material volume reduction and integration of nut.

 Kiya's new method secured required quality satisfaction due to control in press shear droop.

Increase in thread ridges! Securing strength of screw! Installation surface expansion!