

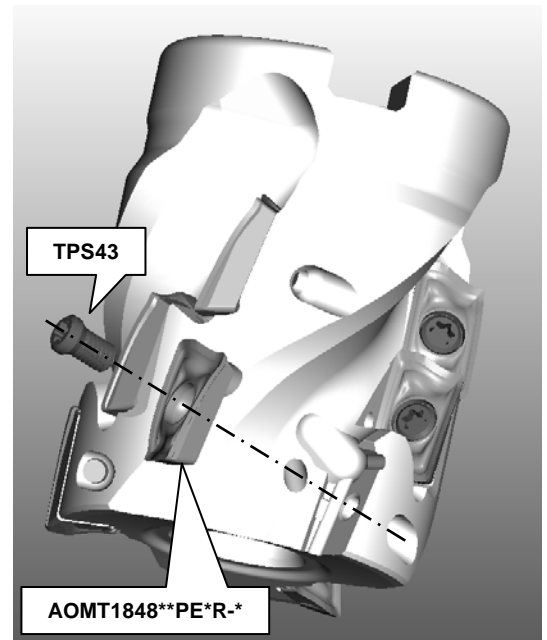
# Instruction manual for "APX4000 long edge-shell endmill type"

## **1. Possible setting the insert**

You can set the only insert which doesn't have bigger nose-radius than R1.6 with original holder without processing.  
If you want to set the insert which has nose-R bigger than R1.6, you must process the holder because of extreme overhung.

## **2. How to locate the insert**

1. Prior to locating the insert, air blow the insert seat.
2. Press firmly down on the insert when tightening the clamping screw.
3. To prevent the screw from seizing, use anti-seize cream, additionally ensure that the clamping forces are not exceeded.  
(Clamp Torque=4.0Nm)
4. Ensure that there is no space between the insert and the insert seat.



## **3. How to attach the tool (arbor)**

1. Before attaching to an arbor, ensure that all locating faces have been cleaned and are free of any obstructions.
2. Set the tool into the arbor, and locate using the setting screw provided with the tool.
3. To prevent the screw from seizing, use anti-seize cream, additionally ensure that the clamping forces are not exceeded.

## **4. Part**

1. Please use original parts. If other parts are used, the performance will be inferior and safety can not be assured.
2. Please replace the clamp screw periodically since they are consumption parts.  
Don't use the clamping screw whose TORX hole is damaged or thread wear is progressing.

## **5. etc**

1. Please refer to tools-news about the cutting conditions.
2. There is a danger of burn, if it is touched soon after cutting.
3. Don't touch the cutting edge of the insert with bare hand to prevent injury.
4. Please tighten again with the attached wrench afterwards if you used an electric driver.