

Operation Model

Installation Procedure for the Jaw Plate

Tools used

 Phi 80 Hook Wrench
(In case of QGB08, dia. is phi 98.)

Model Quick plate change gripper QGB06, QG30608

No.	Reference Figure	Operation	Remarks
1		Clean the Base unit and the Jaw plate installation parts.	
2		Lightly rotate the lock nut by hand as far as it will go, and then reversely loosen it by about a half rotation.	Part name : Lock nut
3		Move a piston of QGB06 to the forward end position.	
4	<p>Base unit side</p> <p>Positioning Pin 位置決めピン クランプリング内径凹部 Clamp ring I.D. concave part</p>	Align the pin attached to the cylinder cover <Base unit> with the long hole on the ring <Jaw plate>, and insert the Jaw plate in the base so that the concave parts on the clamp ring inner diameter fit the convex parts on the ring outer diameter. The assembling part of the base and the Jaw plate has sealing resistance because a dust seal is incorporated there.	<p>Jaw plate side</p> <p>Pin driving long hole ピン駆動長穴 リング外周凸部 Ring O.D. convex part</p>
5		Rotate the base clockwise by about 60 degrees with the Jaw plate completely pressed against the base. When the base rotates by 60 degrees, the internal parts come into contact with each other and it cannot rotate further.	Use phi 80 hook wrench
6		Tighten the lock nut with the specified torque to fix the Jaw plate. Tighten the lock nut so as to receive the reaction force so that excessive torque is not applied to the installed device side such as the robot.	Replacement reference video (QR code)