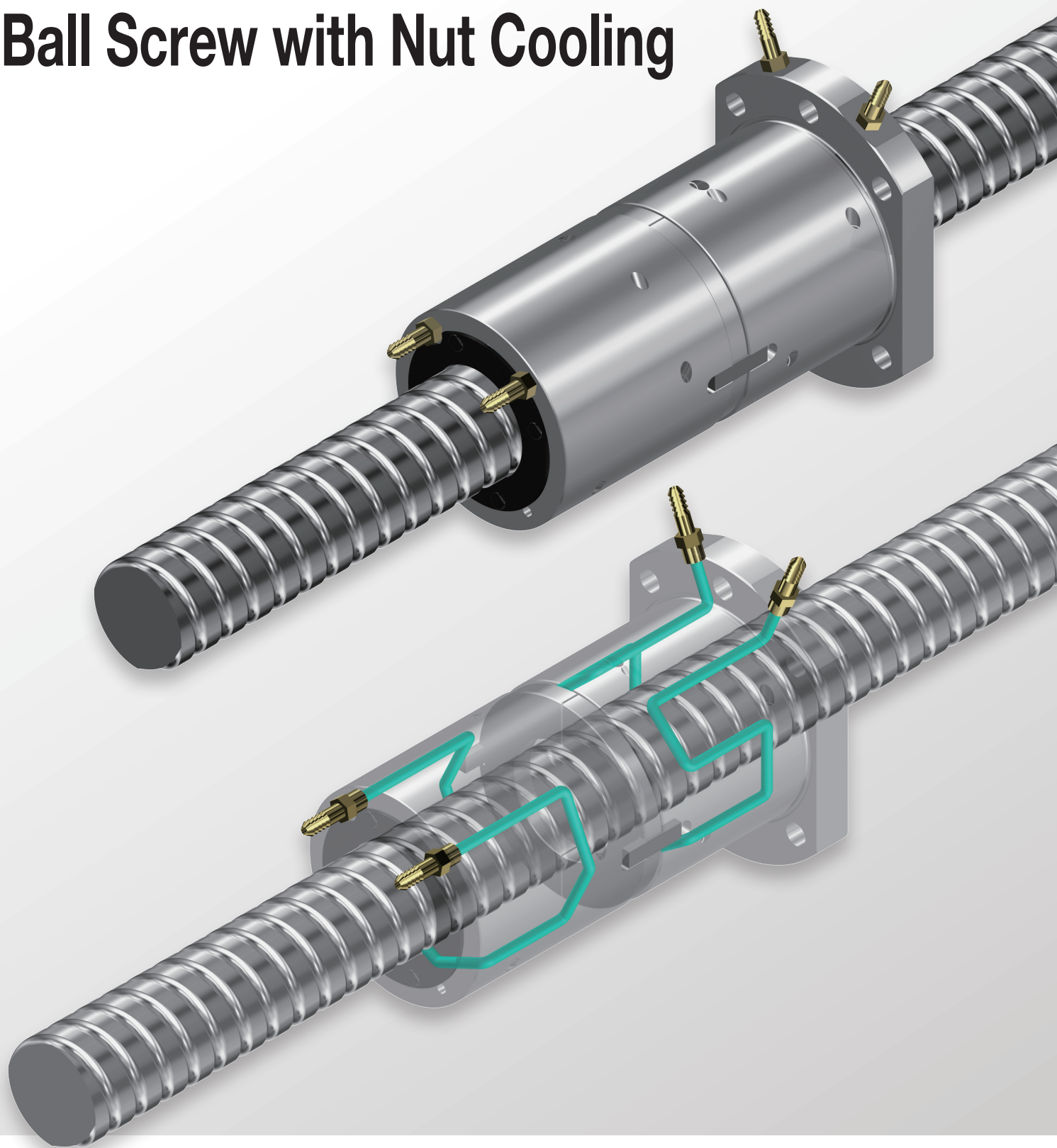


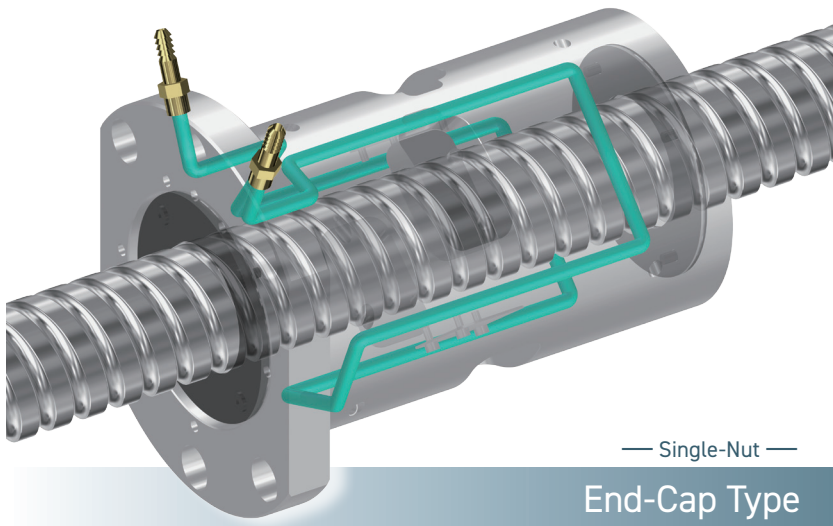


Ball Screw with Nut Cooling



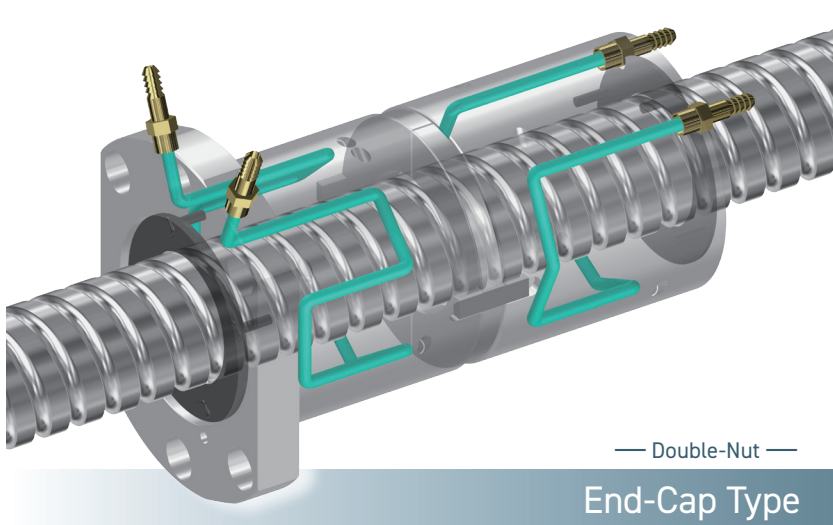
■ Structure and Features

This type of ball screw has a coolant channel inside of the nut. Coolant reduces the amount of heat generated by the nut, making it possible to effectively cool the ball screw. As a result, it is possible to keep the ball screw at an optimal temperature during high-speed operation, thus stabilizing positioning accuracy and preload torque.



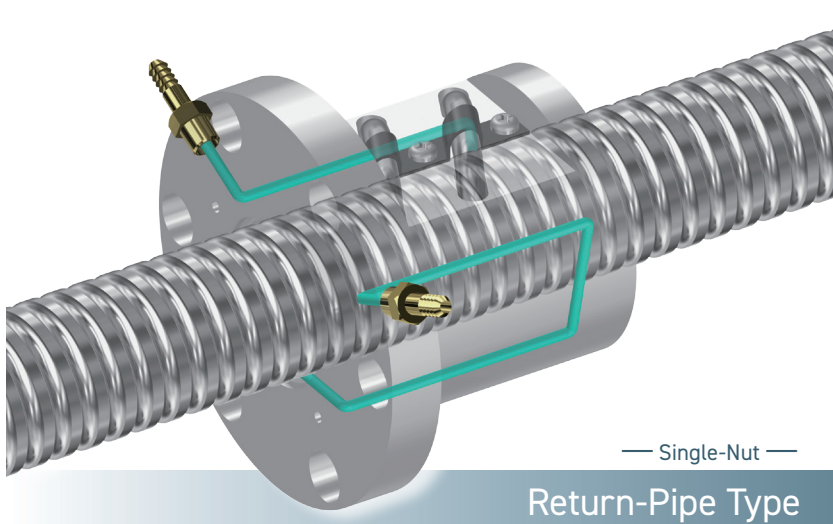
Cooling optimization

Efficient cooling is made possible by designing the coolant channel according to the preloading method and customer specifications.



Applicable to a wide range of models

It is possible to incorporate a cooling system into a wide range of models, irrespective of shaft diameter, recirculation system, or preloading method.



Cooling for longer shafts

Even for long screw shafts, which are difficult to hollow out, it is possible to cool the ball screw by cooling the nut.

Contact THK if you want to use a product with a cooling system.

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●Outward appearances and specifications are subject to change without notice for the purpose of improvement. Please consult with THK before using.

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