

This screw is less than 2°



INTRTORQUE® PAT. 

Choosing INTRTORQUE means the best choice to eliminate screw fastening errors.

The reason why INTRTORQUE is selected is because the newly designed Super Point allows smooth and quick fitting. INTRTORQUE was designed to solve the problems that Hexalobular has.



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·Specifications and appearance are subject to change without notice.
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INTRTORQUE Specifications

Screw size	M1.2	M1.4	M1.7	M2.0	M2.6
Drive size	IT2	IT3	IT4	IT5/IT6	IT8

Screw size	M3.0	M3.5	M4.0	M5.0	M6.0
Drive size	IT10	IT15	IT20	IT25	IT30

INTRTORQUE recess is compatible with Hexalobular recess.

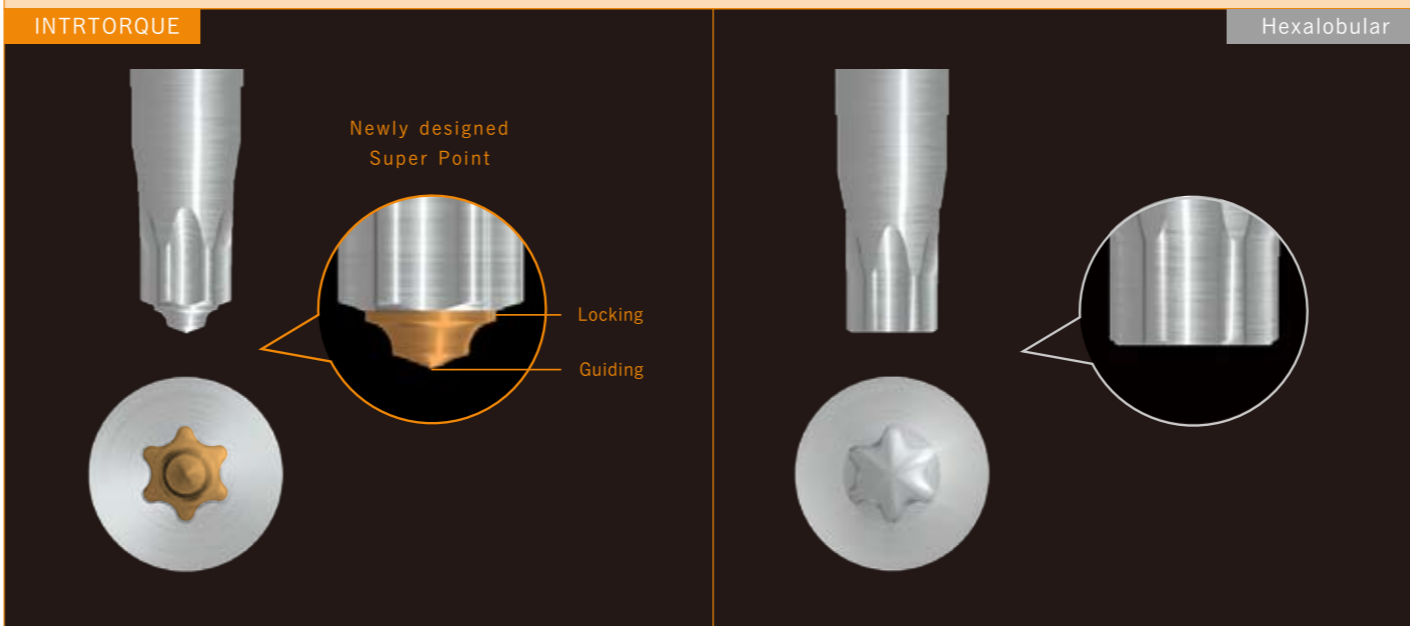
Even if you currently use Hexalobular-recessed screws, you still can use their driver bit with INTRTORQUE. And when you start using INTRTORQUE-recessed screws, the driver bit for Hexalobular still can be used with them. You can change to INTRTORQUE driver bits after the stock of the Hexalobular driver bits is used up. This way, the shift from Hexalobular to INTRTORQUE can be done more economically.

You can remove INTRTORQUE-recessed screws with the Hexalobular driver bits.

Because of this compatibility, you will have no problem with repairs, maintenance and other services after sales even if you don't have the INTRTORQUE driver bits.

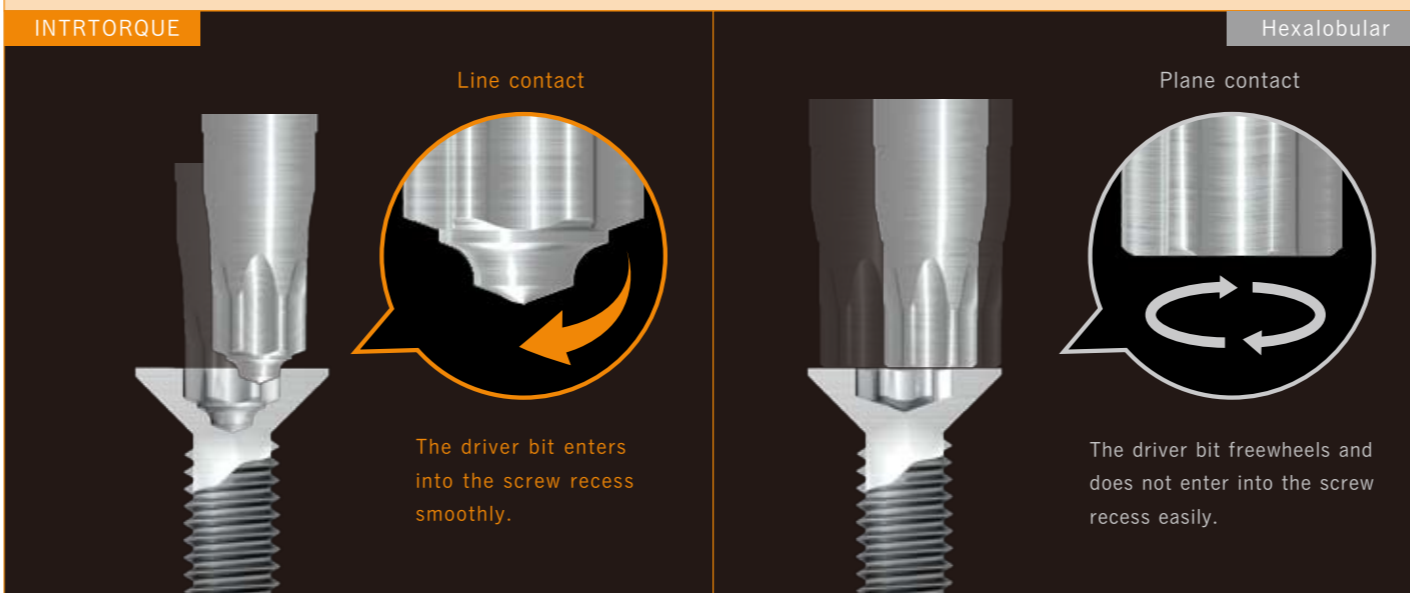
If you have any inquiries, please call our Fastener Department's direct line (+81 47-392-2090).

Comparison of shapes



Shape of driver bit end	Tapered	Shape of driver bit end	flat
Guiding	Guides the driver bit into the screw recess		
Locking	Locks the driver bit in the screw recess to prevent wobbling		

Fitting process



Point	The driver bit fits with a screw quickly without scratching or damaging the screw head.	Point	The bit does not fit with a screw easily and is likely to scratch or damage the screw head.
Step1.	The guiding section leads the driver bit into the screw recess (guiding).	Step1.	The driver bit cannot be led into the screw recess easily.
Step2.	The locking section leads the driver bit into the screw recess center (locking).	Step2.	The driver bit cannot be guided to the center of the screw recess.
Step3.	A slight rotation of the driver bit completes fitting to the screw.	Step3.	The driver bit freewheels on the screw head and does not easily fit with the screw.

Visit the special INTRTORQUE's website to watch a 3D movie showing how this product works (comparison): [HYPERLINK http://www.hios.com/intrtorque](http://www.hios.com/intrtorque)

The Newly designed Super Point is the key feature of INTRTORQUE. It has 3 advantages that demonstrate superb performance compared with Hexalobular.

The Newly designed Super Point has 3 major advantages:

1 Amazingly reliable fitting

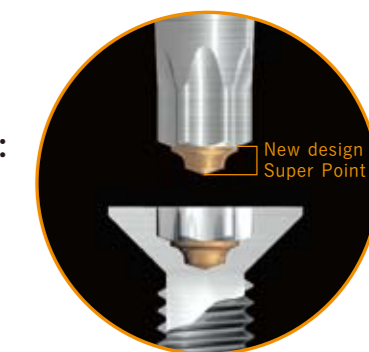
Screw fastening errors due to Screw wobbling can be reduced remarkably. Lateral screw fastening can also be stably done. Super Point precisely fits to a screw recess without damaging it and doesn't scratch off the plating on the screw head surface.

2 Outstanding operability

An operator no longer has to hold a screw while fastening it or has to change the way to hold a screwdriver each time. Thus, the workload of the operator can be reduced and work efficiency is improved.

3 Ideal for automation

Super Point allows INTRTORQUE to support the automatic screw feeder* which used to be difficult to work with. Then INTRTORQUE can prove its potential for automation in which high accuracy and stability are required. *(Available size: JCIS M1.2 and larger.)

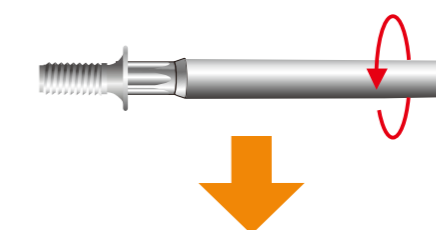


(Guiding and locking feature)
The driver bit end is accurately guided to the center of the recess and wobbling is prevented.

INTRTORQUE's horizontal slant is less than 2°. That means highly accurate fitting and it enhances operability.

INTRTORQUE's horizontal slant: less than 2°

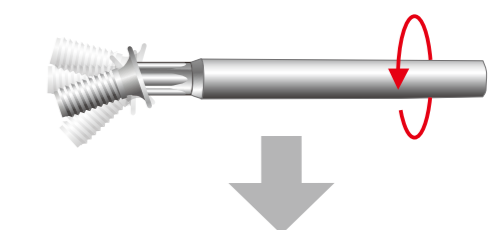
The screw doesn't wobble with the screwdriver's rotation.



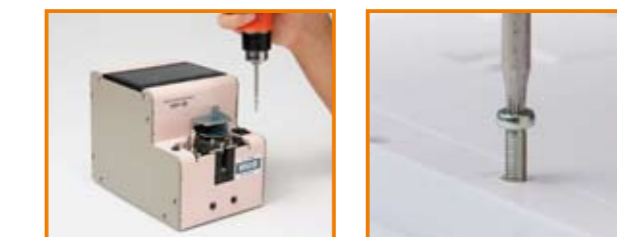
It doesn't slant, wobble or drop. The time needed for screw fastening can be reduced by 40%* at maximum.

Hexalobular's horizontal slant: less than 9.5°

The screw wobbles more often with the screwdriver rotation.



The screw can be moved to the screw hole without dropping. The screw enters into the screw hole straight and smoothly.



The screw is easy to slant and hard to enter into the screw hole properly.



*1 This is based on a fastening test with 20 samples each for INTRTORQUE and Hexalobular in combination with the HIOS screwdriver BLQ-5000 and automatic screw feeder HSIII-26.