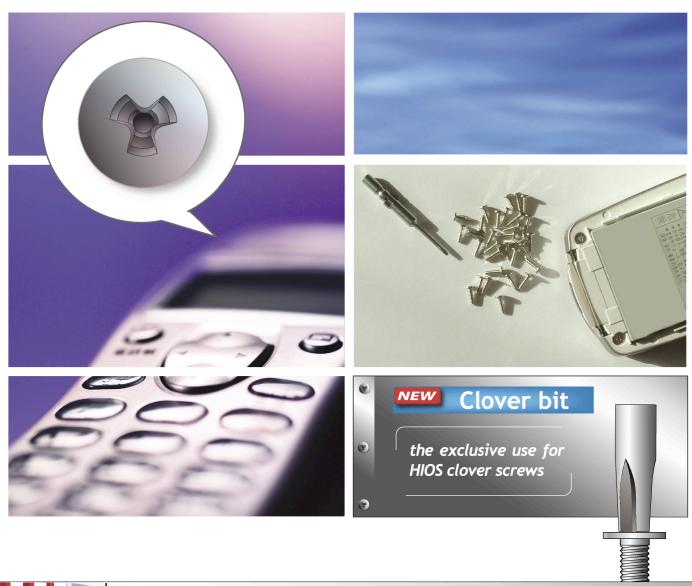




# Clover Screw D.PAT.

HIOS clover screws offer very precise tightening in critical applications. The benefits and features of the drive assist production efficiency.





## **New design**

- The location of the driver bit in the screw head is precise and positive enabling maximum assembly efficiency to be achieved.
- Prevents the driver bit cam out enabling reduced operator excerpted thrust, minimising operator fatigue. No risk of RSI.
- Positive location and no cam out means tool wear is reduced significantly.
- The recess is designed to guide the driver bit to the inner circle location point at the centre of the recess, improving the fit between the driver bit to screw head.
- Can be used with power drivers for automatic operations.

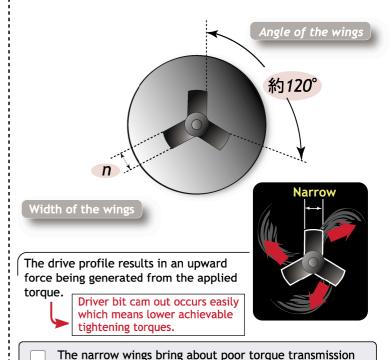
# Clover ScrewD.PAT.

# Designed to guide the driver bit to the inner circle location point in the centre of the recess. The Clover drive translates applied torque efficiently into screw rotation thanks to the inward force generated by the wide curved design of the wings.

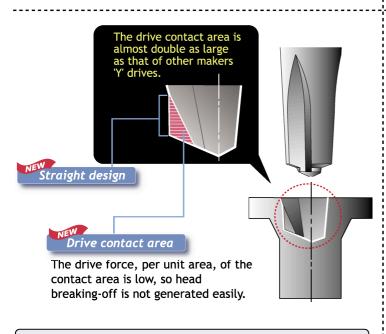
The wide curved wings improve torque transmission

efficiency and stabilize tightening torque.

## Other Makers 'Y'



which could lead to uneven tightening torque.



With no upward force being generated from the applied

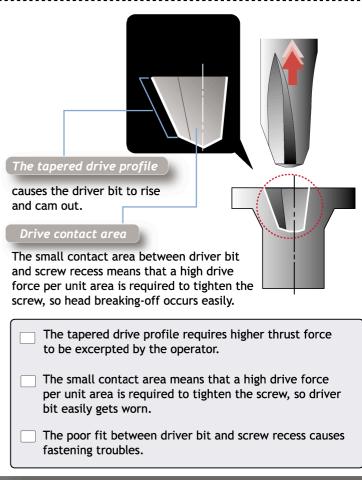
The drive force, per unit area, of the contact area is low,

so damage/wear to the drive/driver bit is reduced. This

results in better control and very precise tightening

torque, thanks to the drive profile, the driver requires

less thrust as the driver bit does not cam out.



### HIOS Inc.,

torque.

111-6, Akiyama, Matsudo City Chiba, Pref., JAPAN

TEL: 81(JAPAN) 47-392-2001 FAX: 81(JAPAN) 47-392-7773

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URL ▶http://www.hios.com

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