

## MAG-TITE CP outline

It is a trend of current industrial to use magnesium alloy because it realizes market's demand, weight saving, crashworthy, heat releasing, recycling efficiency etc. But this universal material has a problem that it generates chips when it is fastened by self-tapping screws. Nitto Seiko's MAG-TITE CP has been developed to solve such problem. MAG-TITE CP's special thread decreases generating of chips and it's special coating merges chips to prevent falling and flying off of chips.

### MAG-TITE CP 's special features

- 1. Low and stable installation torque, and high removal torque.
- 2. Prevents falling of chips.
- 3. Coating from isolative material hardly causes short out of circuit even if merged chips falls on circuit board.
- 4. Can be used more than once.







- The first 2 ~3 threads from the point with 40° thread angle are followed by threads with 30° of thread angle.
  The pitch is wider than Machine screw.
- The CP-Grip is an environment-friendly coating which is made from aqueous raw material.
- The spread area of CP-Grip is approximate 60 % from point of thread.

# Application \*Electronics devices like,

Lap top computers, Digital still camera, Projector,

Mobile communication appliance, etc

If you are interested in to use our MAG-TITE CP for your concrete application, please send actual work pieces to our fastener laboratory. We can provide you more detailed data for your best fastening by examination.

# MAG-TITE<sup>TM</sup> CP<sub>PAT.P</sub>

# **Performance of MAG-TITE CP**



### 1. Torque curve of MAG-TITE CP



(NOTE) TS: Installation torque TM: Stripping torque K: Drive-to-strip torque ratio (=TM min. / TS max. )

### 2. Removal torque

#### 3. Absorption effect

