

# Why TORX ?

## Because TORX offers you more.

TORX basic logics of most efficient torque transfer and incomparably smooth fastening and even unsurpassed long life for high speed processing and labor saving functions. Torque is nearly best system to seek for this quick change of the generations. Hope our dedication to this duty would be fulfilled.

### TORX Drive system

This innovative fastener drive system was developed by Camcar to overcome the limitations square, and other drive systems.

Welcome to our homepage for more TORX !  
<http://www.vessel.co.jp/products/torx/>

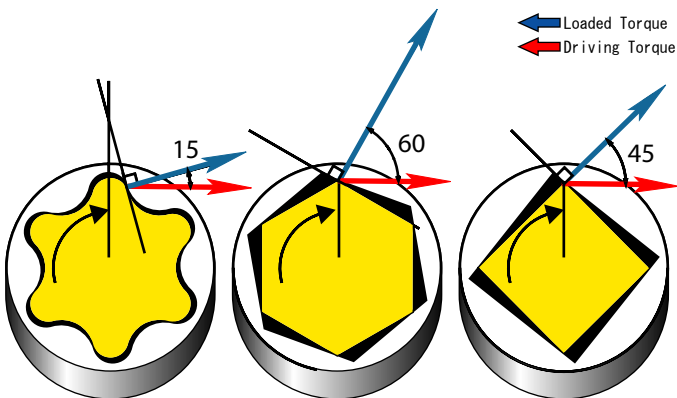


### Features:

- Can be used with fastener diameters from M0.9 to M24 (#00 to 1")
- Lead-in chamfer
- 15 degree drive angle
- Straight, vertical side walls
- Broad contact surface

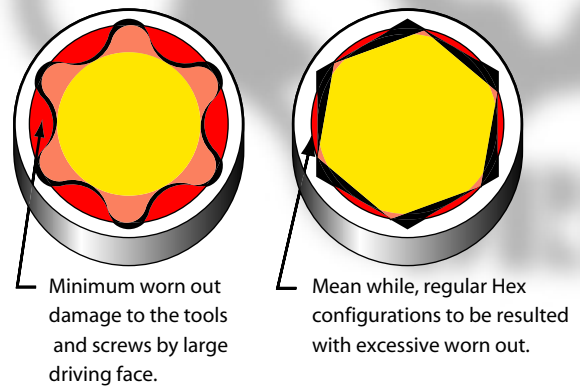
### Benefits:

- Reduces camout
- Reduces need for excessive and load force
- Extends tool life
- Reduces worker fatigue
- Reduces rework and scrap
- Reduces radial forces which damage tools and fastener



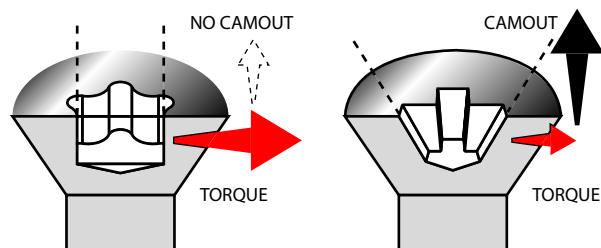
TORX transfers max torque due to small driving angle.

Mean while, Hex square drive need max upload torque to transfer for large driving angle to other directions.



Minimum worn out damage to the tools and screws by large driving face.

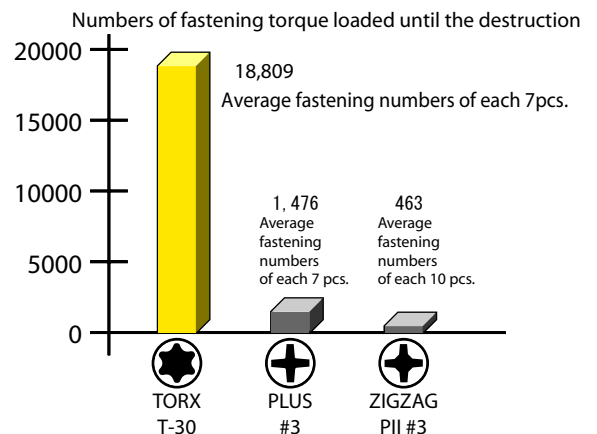
Mean while, regular Hex configurations to be resulted with excessive worn out.



Torque recess stands vertical so as not to produce "CAMOUT" which does not require any push-in from the above. High drive efficiency keeps its long life use without damage on the bit and screw.

Mean while, easy driver insert into cross recess, however need to control upward camout on the slope with press down power at all time during fastening operations in order to keep required torque. This excessive fastening power damages even its life of the tool and fastener.

## Absolute durability of bit life



M6x1.0 TORX hollow screw fastened at 0 degree, 35.6Nm and 8rpm.