

TORX PLUS® DRIVE VARIATIONS

TAMPER-RESISTANT TORX PLUS DRIVE

This unique TORX PLUS variation incorporates a five lobe design and a solid post formed in the center of the recess.

- When combined with a countersunk or button head design, the fastener is extremely difficult to remove without a special tamper-resistant TORX PLUS Drive tool
- Tamper-resistant TORX PLUS tooling is only available to the OEM and their authorized service technicians to limit access and maintain the integrity of the system
- Installation is quick and easy with the proper tool
- Recognized as the only truly tamper-resistant drive system – the preferred internal drive system defined in SAE specification J2317 (Tamper Resistance for Adjustable Parameters on Diesel Fuel Injection Pumps)
- Available in fastener sizes M2.5 – M25 (#3 to 1")



DUAL DRIVE SYSTEMS

The TORX PLUS Drive System can be combined with either an external hex or a slot to provide a dual drive system.

- Provides the option of driving or removing the fastener with commonly available TORX PLUS tools or with a hex socket or slotted screwdriver
- The slotted TORX PLUS fastener has a slot that is enclosed at the ends, so the driver is less likely to slip out and damage surrounding surfaces

EXTERNAL TORX PLUS DRIVE SYSTEM

Designed with the same elliptically-based geometry as the internal drive system, this version allows the highest torque transfer available.

- The external TORX PLUS Drive provides 10% more torsional strength than the same-sized external TORX Drive
- TORX PLUS sockets are required for installation and removal, as TORX sockets are not compatible
- Available in fastener sizes M0.6 – M24 (#0000 – 1")



TORX PLUS STEM FASTENERS

An external TORX PLUS configuration, extruded onto one end of the double-end stud, simplifies driving.

- Eliminates need to grip threads during driving, preventing thread damage
- Offers improvement in stem strength due to increased cross-sectional area

EXTERNAL TORX PLUS LOW-PROFILE HEAD

This version provides high torque transfer in a low head height.

- Higher torque transfer capabilities than corresponding internal recesses
- Head height similar to pan or indented hex head
- Lower weight than pan or indented hex head fasteners
- Requires special sockets
- Available in fastener sizes M0.6 – M24 (#0000 – 1")

