



# Engineering Solutions

## ClearDrive™ Recess

*Perfect for Eliminating Recess Fill!*

**ClearDrive™** is a feature added to the head of the fastener allowing a free channel for organic coatings to flow during the dip spin process and eliminating unnecessary sorting. The ClearDrive™ Recess can be used in many automotive applications to eliminate the industry-wide problem of recess fill. Fasteners manufactured with the ClearDrive™ Recess incorporate flutes into the head for drainage. The ClearDrive™ can be manufactured with several head designs including pan, round washer and oval countersunk.



### Features and Benefits:

- **Cost Savings**—can reduce manufacturing cost by 70% per pound by replacing high-cost electro platings with low-cost high-performance organic coatings.
- **Automation**— assembly automation by ensuring a clear recess
- **Universal Performance**—can be specified as an optional head construction for driver sizes T20-T40 in pan-head and round-washer head configurations and ensures bit-fit performance and offers equivalent mechanical performance to comparable standard six-lobe recessed drives
- **Torque Tension**—allows for use of low-cost high-performance organic coatings providing lower and more consistent torque tension characteristics than electro plating
- **Ergonomics**—improves assembly productivity by eliminating poor bit engagement caused by recess fill
- **Corrosion**—allows for the use of low-cost high-performance organic coatings which provide superior resistance to corrosion



EFC International provides world-class products and service to its customers. As an ISO 9001:2008-certified Master Provider of engineered fasteners, including metal and plastic, clamps, panel fasteners, retaining clips and nuts, wire routing, electrical components and automation technologies, EFC is your source for specialty components!

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