## Thread Forming Screw For Thermoplastics

## FIX-DUROPLAS SCREW





FIX - DUROPLAS thread-cutting screws are engineered to meet the demanding requirements of thermoset plastics, easing assembly and ensuring a strong, reliable joint to maximize assembly performance.

FIX - DUROPLAS screws feature an asymmetrical 30° thread profile, inclined towards the load surface to increase friction between the application and the fastener. This feature reduces radial stress, reduces back-out caused by relaxation, increases strip resistance, and eliminates need for supplementary locking devices.



## FEATURES AND BENEFITS

## **Fast Facts:**

- Cuts threads in stiffer plastics
- Minimizes installation torque
- Maximizes assembly performance
- Optimal thread pitch for deeper thread engagement
- Recessed thread root provides space for displaced material Specifications:
- Head Styles: Pan, flat, hex, round washer, hex washer, oval, button head, fillister
- Specials: Shoulder screws, SEMS, double-end studs, collar studs; others as required
- Drive Systems: TX PLUS Drive System is recommended to facilitate the proper amount of torque transfer required for cutting threads; other styles are available

