

HAMILTON®

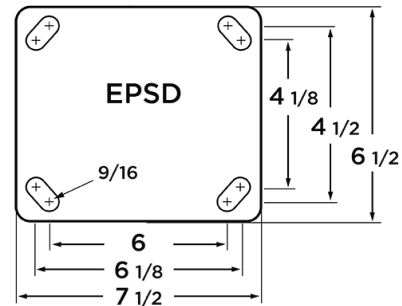
PDF Data Sheet

Model No. **S-EPSD-63FST**

Hamilton Enhanced Precision Super Duty Swivel Caster featuring HPI™ Swivel Technology with 6" x 3" Forged Steel Wheel with 1 1/4" Precision Tapered Roller Bearings



Mounting Plate Dimensions



Bolt Holes Accomodate

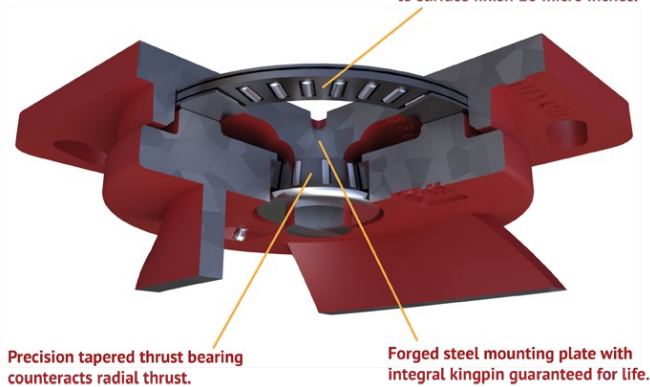
3 7/8 x 5 3/4

5 1/8 x 6 1/4

Mounting Bolt: 1/2"

Key Features

Enhanced Precision Series



HPI™ thrust bearing; raceways hardened to 58-62HRC and ground to surface finish 16 micro inches.

Precision tapered thrust bearing counteracts radial thrust.

Forged steel mounting plate with integral kingpin guaranteed for life.

- **Axle:** 1" dia. grade 5 hex head with lock nut.
- **Swivel Construction:** 1/2" thick drop forged steel mounting plate; 3/8" x 4" precision laser-cut steel legs robotically welded inside and out to forged steel horn base.
- **Kingpin:** 1" diameter integrally forged with mounting plate and threaded for adjustable slotted nut and cotter pin.
- **Main Load Bearing:** HPI™ thrust bearing with outside diameter of 5 5/16"; raceways hardened to 58-62HRC and ground to surface finish 16 micro inches.
- **Secondary Load Bearing:** 1" precision tapered thrust bearing counteracts radial thrust.
- **Lubrication Fittings:** Ball-check type in swivel assembly and in wheels with tapered roller bearings.
- **Product Finish:** Powder Coated - Caster rigs are powder coated with Hamilton's new Crimson Powder, a metallic HAA Polyester providing a premium look and excellent durability for both interior and exterior environments.

Industries & Applications

- Heavy Machinery
- Energy - oil & gas
- Aerospace & defense
- Steel, mining, aggregate

Caster Specs

- Load Capacity (lbs.): 10000
- Wheel Diameter: 6
- Wheel Face: 3
- Overall Height: 8.5
- Bearing Type: Tapered Roller
- Caster Rig Type: Integral Forged Kingpin
- Wheel Type: Forged Steel
- Replacement Wheel: W-630-FST-1-1/4
- Caster Color: Crimson Powder

Wheel Specs

- Type: Forged Steel
- Material: Forged Steel
- Cushioning(Resilience): Low
- Impact Resistance: High
- Moisture Resistance: High
- Abrasion Resistance: Very High
- Low Temp. Range (F): -40
- High Temp. Range (F): 320
- Chemical Resistance: Medium

