



Product

FSO Overrunning Clutch

Application

Mine Cone Crusher

Highlights

- 7,000 lb.ft. (9,520 Nm) torque capacity
- Grease-lubricated
- Formchrome® sprags
- Free-action retainers
- Requires no adjustments or controls

A mine equipment manufacturer required a reliable overrunning clutch for use on a cone crusher. Ore is crushed between an eccentrically rotating cone mantle and a concave bowl liner. The clutch prevents the mantle head from rotating in the reverse direction from the design parameters.

Formsprag Clutch supplied a grease-lubricated, 8.75" diameter FSO-750 clutch with a 7,000 lb.ft. (9,520 Nm) torque capacity to meet the challenging application requirements. FSO overrunning clutches feature a high torque density and require no adjustments or controls. All models contain Formchrome® sprags and Formsprag "Free-action" retainers. These clutches mount on a through shaft, with the inner race driven by a key.

US (Application Assistance)
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Asia Pacific
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