

Upsize Tooling - Swivel Cutter Head Assembly



Part No. FA44634F (11" OD)

FA44723F (16" OD HD)

- Designed For Hard Ground Conditions Leading The Auger/Thrust Casings •
- Keeps Pilot Tubes Stationary While Cutter Bit Rotates •
- Sized To Match Product Pipe Diameter •



FEATURES

- The swivel cutter head is the upsizing tool between the pilot tube adapter and the lead thrust casing for hard ground use over 35 blow count.
- Cutter head allows pilot tubes to remain stationary while the cutting teeth rotate through ground at a full 12.5" (318 mm) OD for 11" OD including over cut.
- Cutter head equipped with fluid ports at the cutter bit reducing cutting torque through lubrication.
- Spoils removed using standard Akkerman augers and casings.
- No external swivel necessary.
- Internal bearings are serviceable for extended life.

NOTICE

Swivel filled with Mobil 636 Gear oil ONLY. DO NOT USE GREASE!

SPECIFICATIONS

Swivel

Dimensions (width x length)

11" OD 12.5" OD x 43" (318 x 1,092 mm)

16" OD HD ??? " OD x 43" (318 x 1,092 mm)

Weight (approx.)

11" OD 700 lbs. (318 kg)

16" OD HD ??? lbs. (kg)

Thrust Capacity

11" OD

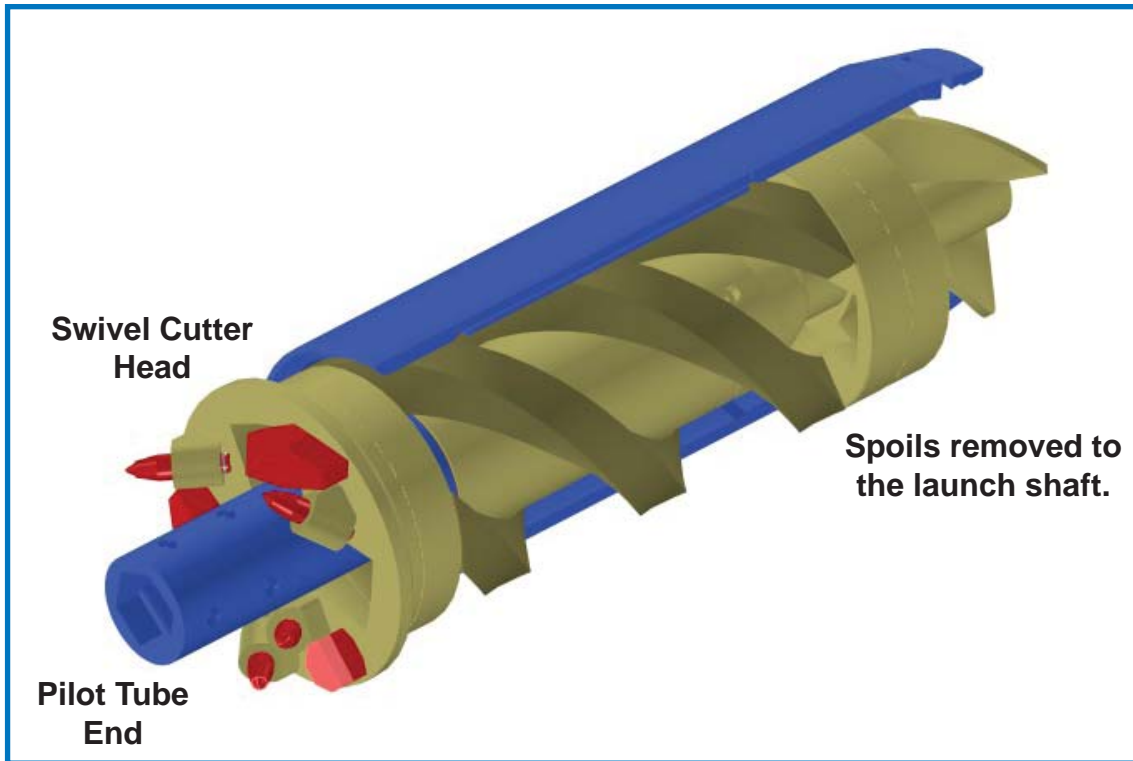
Working Continuous Load 35 Ton

Maximum Intermittent Load 70 Ton

16" OD HD (heavy duty)

Working Continuous Load 50 Ton

Maximum Intermittent Load 100 Ton



The swivel cutter head allows the pilot tubes to remain stationary while the cutting teeth rotate through the ground at a full 12.5" (318 mm) OD cut. The spoils are removed using the standard Akkerman augers and casings to the launch shaft.



A fluid connector is equipped on the swivel cutter head permitting lubrication of the spoils to reduce jacking forces.



Cutter head with drag and conical bullet bits.



Swivel cutter head casing and auger mates to the standard Akkerman 11" (279 mm) OD casings and augers.