



WEIR

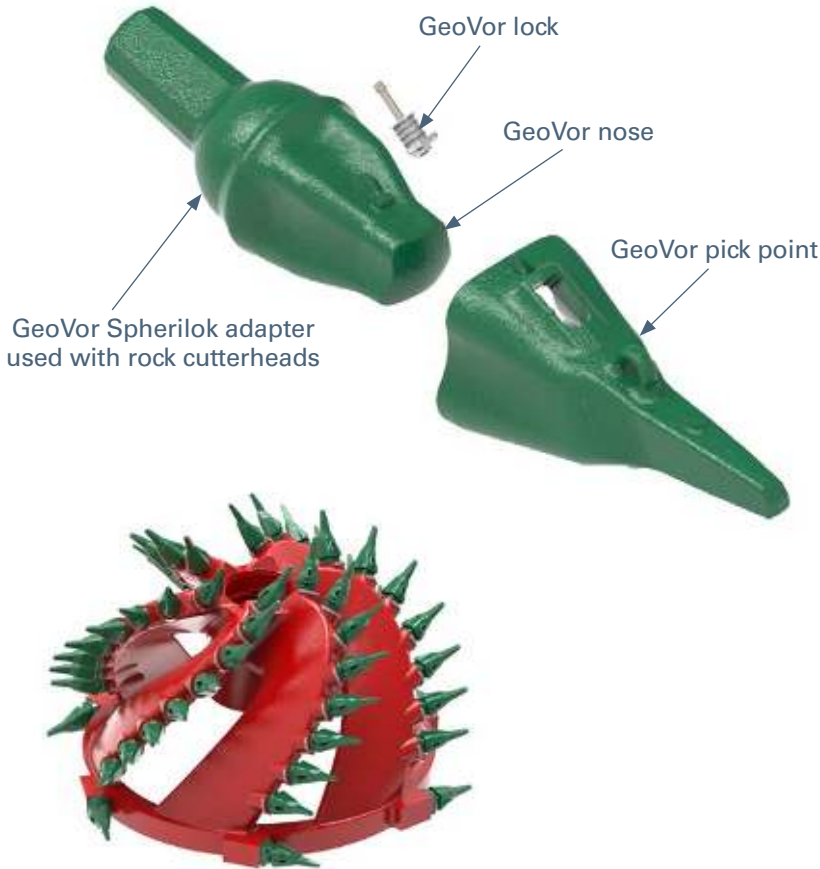
ESCO

ESCO GeoVor® Dredge
Tooth System

ESCO® GeoVor® dredge tooth system

ESCO supplies the most advanced and productive cutterheads, wear replacement parts and accessories to the growing and ever-changing dredging industry. ESCO is the leader in hard rock dredging and showcase our expertise with the GeoVor dredge tooth system.

The GeoVor system features a distinctive hammerless lock that was developed to improve productivity and lower overall operating costs. ESCO dredging systems provide unsurpassed reliability and wear resistance that is field-proven.



Advanced lock design

- Hammerless for safety
- Simplified installation and removal
- Positioned for easy access

Reduced maintenance

- Greater point life increases uptime
- Faster tooth changes limits downtime
- Unique nose profile increases service life

Lower operating costs

- Better penetration improves production
- Less energy required for penetration
- Higher percentage of usable point wear metal



GeoVor wing adapter used with sand and clay cutterheads.



GeoVor® innovative locking mechanism

The GeoVor dredge tooth system features a unique locking mechanism. Not only is it hammerless, but it is extremely easy to install and features a visual indicator that confirms proper tightening. The lock consists of a hardened bolt assembled with retainer plates and a specialized elastomer. The lock holds the point firmly in place to minimize movement that can lead to system wear.



GeoVor components match application

The GeoVor points consist of pick, chisel and flare profiles, with pick style points being the most appropriate for hard rock dredging. The increased point box section and nose strengths allowed ESCO® engineers to maximize bit length, providing more useable wear metal. The system is available in Spherilok®, wing and weld-on nose style adapters which can be used with all ESCO cutterheads, new or previous designs. The GeoVor system is available in 8 sizes to cover a wide range of hard rock or sand and clay applications and best match dredge power.



“ESCO is the unsurpassed leader in hard rock dredging cutterhead systems.”



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