

Bradken's Zenith<sup>®</sup> Plate Lip ground engaging tools are engineered to minimise dig energy and extend wear life.

Interchangeable with existing

Bradken Zenith® Adapters are available in three options depending on your machine class or dig severity.

Bradken Zenith® Points are available in three styles to suit applications; Standard, Long and Heavy Duty.

Compatible with Bradken's current lip shroud range.



Our unique design eliminates through pins and enables point rotation, plus points are secured with locking pins which are engineered to perform in all climates.



#### Safer Tooth Removal

- Safer install and removal with the hammer-free pin and hammer-free removal tools.
- Point locking pin supplied pre-installed reducing install effort.
- Horizontal pin orientation allows improved ergonomics during removal process.



## Reduced Maintenance and Downtime

- Efficient change-out time at two minutes per point with the hammer-free pin and removal tools.
  - Single upper and lower wear caps extend adapter life.
  - Flat surfaces allow simple nose maintenance when required.
- Pin design maintains reliability in all mining applications from extreme heat to extreme cold.



## Reduced Total Cost of Ownership (TCO)

- New streamlined design minimises dig energy required.
- Unique reversible hexagonal nose maximises wear life of the point.
- Locking pin pre-installed reduces inventory order requirements.

















# Our team focus on design enhancements that deliver tangible benefits for our customers.



periods.

Blind hole to accept point lock lowers nose stress and

chance of breakage.

Upper and lower wear caps reduce maintenance and

Handle features on the wear caps provide safe lifting and avoid pinch points.

The single locking pin is designed with two fastening latches creating a highly secure connection.

The locking pin only requires 180 degrees rotation to actuate, with an 'audible click' to confirm locking.



- Reduced tooth change-out time to approximately two minutes per point with our hammer-free pin and removal tools
- > Tooth change requires one lock to be removed
- > Locking pins come pre-fitted in points
- > Interchangable with existing lip shrouds

### **Easy conversion to Bradken Zenith**

- > GET conversion of existing lip
- > Complete new lip fitted
- > Order a new Bradken bucket, pre-fitted with Zenith
- > Specifiy Zenith to be fitted to your next bucket order















