

Mining

Apron Feeder Drive Shaft Sprocket Joints

SmartBolts are tension indicating fasteners that ensure proper clamp force is achieved at installation and maintained over time. Each SmartBolt features our patented **Visual Indication System** that changes color to measure and display tension in real time. Tension creates the clamp force that keeps bolted joints secure.

Apron feeders are rugged, heavy duty conveyors ideal for mineral processing applications. Raw material is dumped directly onto the apron feeder from mining trucks and transported to a crusher. The drive shaft sprocket is a bolted-on component that connects a rotating drive shaft with the chain and apron that transports the raw material. SmartBolts provide constant visual feedback that the sprocket is secure, resulting in lower maintenance costs and improved productivity of this critical fixed-plant equipment.

LOOSE

TIGHT

