

## STAGE COLLAR (SC)

### UNIT 260

The **TechWest Stage Collar (SC)** hydraulically opened stage cementing tool is used to stage cement into the annulus over specific intervals. Staging cement is done where weak formations will not support the hydrostatic column of annular cement. This can occur when large volumes of cement are needed, and pumping time may become an issue, or when specific placement of cement over an interval is required.

### FEATURES

- Provides improved zonal isolation
- Available in multiple materials and connections.
- Hydraulically or Mechanical Set
- Easily adjustable setting pressure on location.
- Multiple bomb and pressure dart configurations available.

### OPERATION

In the hydraulic configuration the SC is set by pressure build up in the liner string. In the mechanical configuration the SC is set by a gravity bomb dropped from surface.

A predetermined amount of cement is then pumped through large cementing ports. The closing wiper dart then hydraulically closes the ports reestablishing liner pressure integrity.

