



## Level Indication > Systems **Severe Service Trim**

The Severe Service Trim option provides exotic alloy cable and connections for long term reliable use of Level Indication systems in concentrated hydrochloric acid and other high chloride ion applications.

### Design

The Severe Service Trim (SST) option uses corrosion resistant alloys to replace wetted stainless steel components in the Hawk-eye Float Guide Kit, Float Cable Assembly for use with the Sparrowhawk and Model 750 / 750LS Gauge Heads, as well as the Redtail and Roadside sealed gauge heads.

The major non-material difference between the SST and standard trim is the Severe Service Cable Termination (SSCT). The SSCT replaces both the threaded stud and the strap fork terminations. Using a low-stress ball lock, the cable is held securely in the barrel of the SSCT, keeping the cable free from kinking or fraying, and eliminating the possibility of float or guide disconnection due to the cable breaking.

The SSCT can be used in two configurations, either as a stop for attaching a float, or as loop for fixing float guide cables to attachment points on the floor of the tank.

### Construction

All wetted cable and components of the float guide kit, float cable assembly and gauge heads are made from an exotic alloy developed in the nuclear industry specifically for superior corrosion resistance in acid and chloride applications. Non-wetted components remain the same as in their standard counterparts.

### Flexibility

The Severe Service Trim option is available for all sizes of Float Guide Kits as well as Float Cable Assemblies for use with the Sparrowhawk and Model 750 & 750LS gauge heads. Additionally, the Redtail and Roadside Hawk Zero Emission Dry Seal gauge heads can be outfitted with the Severe Service trim. The materials of construction allow continuous use in HCl concentrations up to



**Above:** Severe Service Cable Termination (SSCT) in Type A (Stop) configuration.

**Below:** SSCT in Type B (Loop) configuration.



### Ordering Information

Severe Service Trim options are available on the following:

- ▶ Float Guide Kit
- ▶ Float Cable Assembly  
either standalone, or as part of a Sparrow Hawk  
or Model 750 / 750 LS System
- ▶ Redtail or Roadside Hawk Gauge Head