

## **APT Material Specifications for King Pins**

### **King Pin #'s**

### **TSK-001, TSK-002, TSK-004, & TSK-005**

#### **Material Requirements:**

The following material shall be used to produce this product unless otherwise specified:

Alloy Steel – SAE8630 (AISI 8630)

#### **Mechanical Requirements:**

Steel shall be heat treated, oil quenched and tempered to BHN 302-363 at the surface

The product shall typically have the following mechanical properties:

Approx. Ultimate Strength: 150 kpsi  
Approx. Yield Strength: 115 kpsi

#### **Finished Product:**

The finished product shall conform to this specification and any additional requirements specified on the engineering drawing. All products shall conform to SAEJ700 (commercial trailers and semi-trailers)