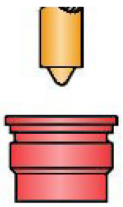
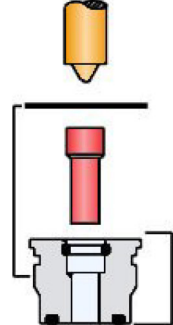
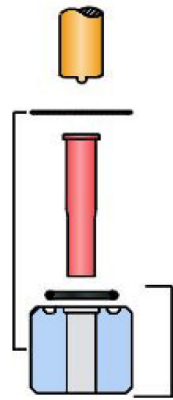


Tubing Conveyed Perforating (TCP) Firing Heads are designed with a standard firing pin to impact a Percussion Detonator. This standard Percussion Detonator is commonly used for TCP applications. However, in order to accommodate a wide range of perforating applications additional firing pin options are available to activate various percussion detonators or igniters. It is very important the correct firing pin be selected for each application. Failure to select the correct firing pin for the application may create a safety hazard and lead to field failures. Some of these firing pin and detonator configurations are outlined below.

	<p><u>Firing Pin</u> Standard style</p> <p><u>Percussion Detonator (Standard Type)</u> DET-3050-134A CP Detonator 51-6985-3 HNS Detonator</p>
	<p><u>Firing Pin</u> Standard Style</p> <p><u>Percussion Detonator - (Slim Type)</u> DET-3050-136 HNS Detonator (Slim)</p> <p><u>Support Hardware</u> TC-005-2375-099 Support Kit Note: Also used with Time Delay Ignitor- DET-3050-550</p>
	<p><u>Firing Pin</u> Hornet Style</p> <p><u>Percussion Detonator - (Hornet Type)</u></p> <p><u>Support Hardware</u> TC-005-2375-299 Support Kit</p>