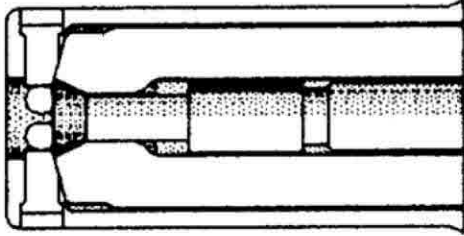
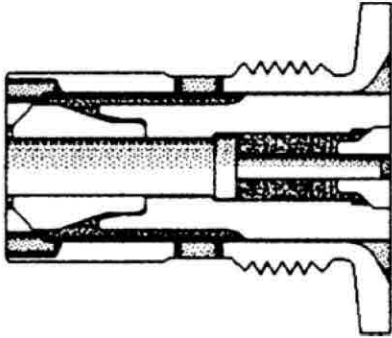
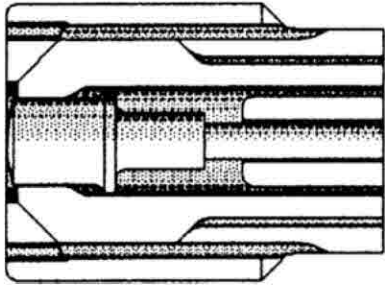
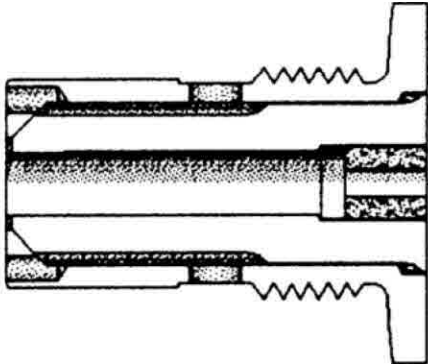
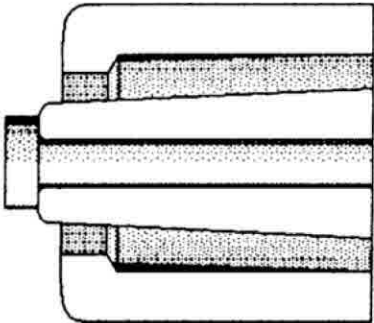





General Aviation Igniters

For airline igniter applications consult Champion Aerospace AV-22 catalog.

Illustrated below are six plug designs by firing end configuration.

Gap Description	Typical Firing End Configuration	Gap Description	Typical Firing End Configuration
High-Voltage Recessed Surface Gap (Long Life)		Low-Voltage Surface Gap (Solid Semiconductor)	
High-Voltage Surface Gap		Low-Voltage Shunted Surface Gap	
High-Voltage Air Gap		Low-Voltage Glow Coil Element	

Igniter Replacement Gaskets

M-677	FS118-1, FS153-1, CH31547C, CH31615 (6800087)	CH63038	CH31753A, CH31773 (6800848) (nickel)
CH63008	FHE205, FHE267-2A (6800148)	6800847	CH31753A, CH31773 (cemented)
CH63037	AA138S (6800158) (copper)	6800948	CH31772A, CH31785, CH31806
6860337	PT6 & PW100	6860326	JT15D

General Aviation Igniters



Product Features

Corrosion Protection

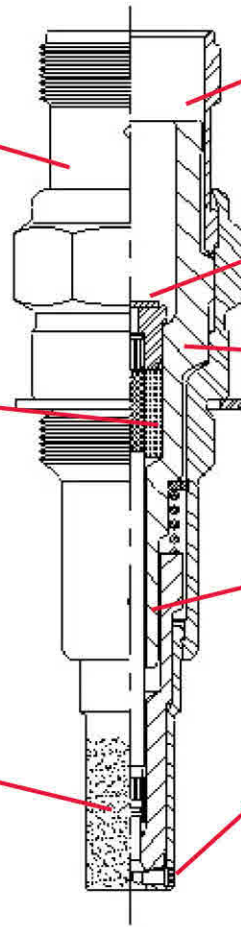
Silver-plated shell for protection against corrosion and seizing.

Leakage Protection

Dual seals for protection against gas leakage under high temperature conditions.

Protective Coating

Special coating prevents excessive chafing of shell, extending igniter service life.



Coated Bushing

Bushing coated to prevent lead sticking, allowing for easier removal and installation.

Tungsten Contact

Provides increased resistance to arcing with mating lead.

Positive Insulator Retention

Upper insulator shaped to provide positive component retention.

Shaped Insulator

Lower insulator shaped to provide positive component retention.

Patented Iridium Pin Design

Provides maximum resistance to spark erosion and increased service life.



Design Features

Champion turbine igniters are a product of the Champion Aerospace commitment to the highest standards of quality and technology, a commitment that has made Champion the #1 choice of engine manufacturers, maintenance technicians and pilots around the world.

Champion-engineered safety-retention features are the best in the business and Champion developments in the turbine igniter design include fuel drain slots which keep the igniter from quenching out, air-cooling holes for longer life and engobe semi-conductive materials for quicker, more reliable starts.

Champion Turbine Igniters cover over 300 different engine designs and are OEM on:
Allison, Honeywell, General Electric, Pratt & Whitney, Sundstrand/Turbomeca, Teledyne, Textron Lycoming, Williams International, Westinghouse and Rolls-Royce.

Turbine Igniters