



**Types of WeldThru Force Sensors**

**1. WT9000 In Line WeldThru Force Sensor**

Description--mounted in weld current path near caps using standard RWMA tapers (male and female). Adds about 1 1/2 inch to length of electrode.

Advantage--most accurate force measurement.

Disadvantage--space intrusive, cabling near weld, requires readjustment of knee to offset extra length.

Best Application--press welders, custom machines.

**2. WT9000 Platen Style WeldThru Force Sensor**

Description--mounts in weld current path, usually on bottom tooling plate. Has female RWMA taper to accept electrode adapter.

Advantage--most accurate force measurement.

Disadvantage--may require tooling change and knee adjustment.

Best Application--press welders used for projection welds of nuts or studs or custom machines.

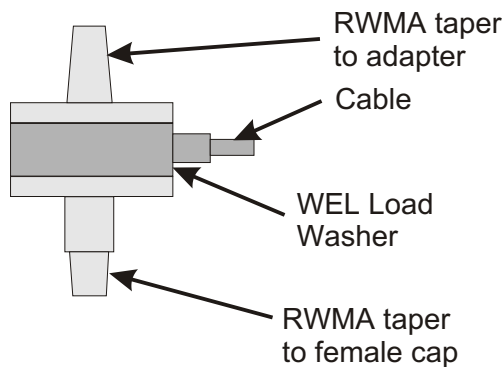
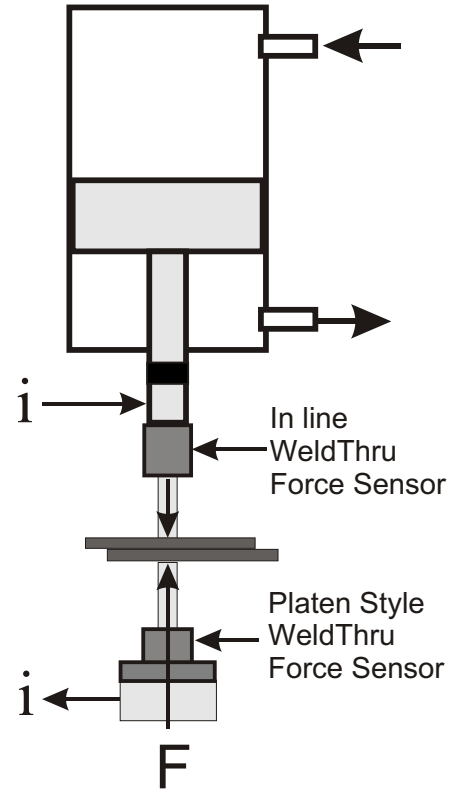
**3. WEL WeldThru Load Washer**

Description--mounts in weld current path, using family of adapters tailored to application.

Advantage--most accurate force measurement, very small space intrusion.

Disadvantage--cables near weld point require protection.

Best Application--robotic welders, custom machines with close weld heads.



**Model WEL Load Washer**

