

SIEMENS 501 CASING TOOL KIT

501, FD3, 4 & 5 TURBINES



Image depicts half kit. Full kit consists of two half kits.

Speed is paramount during gas turbine outages and the Boltight tensioning system is designed to provide the most efficient tightening/loosening operation available. With the Boltight Siemens 501 hydraulic tensioning system, gas turbine casing bolts can be tensioned quickly and accurately.

PARTS LIST TO SUIT SIEMENS 501, FD3, 4 & 5 TURBINES

Full Kit consisting of 2 each following equipment – kit part number: **KIT-501F01-01-00**

Specification

- The tools are designed to include long life seals, automatic piston return, positive stop to prevent over stroke and oil leakage, pressure cycle counters and spring loaded gear driven nut rundown.
- Tools provided are lightweight, durable and simple to use.
- Stud misalignment compensation features.
- Tools, ancillary equipment and operating manual are supplied in a transportable metal storage case.
- All tools are pressure tested and issued with a test certificate.
- The tool set provides all the tooling and ancillary equipment required to install and remove the tensioned casing bolts on a Siemens W501 gas turbine.

Half kit Available

Consisting of 1 each equipment.

Half kit part number: **KIT-501F01-501-02-00**

QTY	PART NUMBER	DESCRIPTION
2	TCT-M039-02-00	Turbine Casing Tensioner - M39 x 3
2	TCT-M042-03-00	Turbine Casing Tensioner - M42 x 3
2	TCT-M045-02-00	Turbine Casing Tensioner - M45 x 3
2	TCT-M045-03-00	Turbine Casing Tensioner - M45 x 4.5
2	TCT-M045-04-00	Turbine Casing Tensioner - M45 x 4.5
2	TCT-M045-05-00	Compact Turbine Casing Tensioner - M45 x 4.5
2	TCT-M048-02-00	Turbine Casing Tensioner - M48 x 3
2	TCT-M056-05-00	Turbine Casing Tensioner - M56 x 3
2	TCT-2000-23-00	Turbine Casing Tensioner - 2" 8UN
2	TCT-2000-24-BA	Bridge Assembly - 2"
2	TCT-2500-25-00	Turbine Casing Tensioner - 2-1/2" 8UN
2	TCT-2750-33-00	Single Stage Turbine Casing Tensioner - 2-3/4" 8UN
2	TCT-2750-33-AK	Adaptor Kit for TCT-2750-33-00 - Bridge & Puller
2	TCT-3000-02-00	Turbine Casing Tensioner - 2" 8UN
2	BT-1506	Air Driven Pump Unit - 1500 bar
2	BT-1540-5	5m Link Hose - 1500 bar
4	BT-TB-8	Tommy Bar - 8mm
4	BT-TB-6	Tommy Bar - 6mm
2	TCT-M045-05-AJ	Compact Tool Assembly Jig - M45 x 4.5
2	2000224736	Steel Case with Custom Inserts