

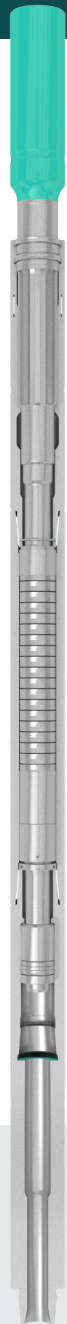
TAQA's Thraxis[®] shock tool can be used in a wide variety of drilling conditions to increase bit life and penetration rate, as well as to isolate the BHA from non-uniform motions of the drill string, while keeping the bit on bottom. The spring stack is customizable for any drilling application. TAQA's dual acting shock tools are compatible with all vibratory and oscillating tools.

SPECIFICATIONS

MAX TEMPERATURE
 Standard Seals: 250°F
 High Temp Seals: 405°F
 Geo Seals: 405°F + Steam

IMPERIAL

Tool Model	OD (in)	ID (in)	Length (ft)	Weight (lb)	Pump Open Area (in ²)	Stroke Length (in)	Maximum Torque (ft-lb)
ST5-475	4.750	1.430	12.5	700	11.0	3.000	17,000
ST5-538	5.375	1.430	12.5	700	11.0	3.000	40,000
ST5-612	6.500	2.280	12.0	1,300	18.6	3.000	40,000
ST5-634	6.750	2.250	13.0	1,450	22.1	3.000	40,000
ST5-688	6.878	2.280	13.0	1,450	18.6	3.000	75,000
ST5-800	8.000	2.500	12.0	2,100	30.7	3.125	68,000
ST5-900	9.000	2.810	12.5	2,950	41.3	3.125	93,000
ST5-950	9.500	2.810	14.6	3,150	41.3	3.125	93,000
ST5-1000	10.000	2.810	14.5	3,400	41.3	3.125	129,000
ST5-1200	12.000	3.000	15.8	4,950	15.9	4.00	175,000
ST5-1400	14.000	3.000	15.8	6,000	15.9	4.000	300,000



FEATURES AND BENEFITS

- Multiple **SPRING STACK CONFIGURATIONS** available
- **EXTEND** bit life
- **DECREASE AXIAL** shock and vibration
- **REDUCE** damages to bit and other BHA components