



Quantum J/109 Quick Tune

**This guide is for the open-body style turnbuckles. Tensions below are measured with the Loos RT-10 tension gauge.*

| TWS | UPPERS | UPPERS turns from base | Intermediates | Intermediates Turns from base | LOWERS | Lowers Turns from base |
|-----------|--------|---------------------------|---------------|----------------------------------|--------|---------------------------|
| 0-5 | 36 | -2 | 7 | -1 | 7 | -0.5 |
| 6-8 | 46 | -2 | 15 | 0 | 20 | 0 |
| 9-13 Base | 52 | 0 | 15 | 0 | 20 | 0 |
| 14-19 | 58 | +1.5 | 20 | +2 | 30 | +1 |
| 20+ | 64 | +1.5 | 24 | +2 | 35 | +0.5 |

Mast rake measured from black band marked on headstay to headstay tang at deck flange: 88.5" or 2.248 meters

Mast step location: from front of mast to bulkhead: 18.5" or .469 meters

Turns from base is from the next setting. To go from 9-13 to 0-5 on the uppers, you would take off 4 turns.