CLAIM(S):

1. A connector comprising

(a) a hollow connector body having a bottom face and an inner wall forming a central aperture, the central aperture passing through the bottom face; the inner wall having at least two resilient fingers, each of the at least two resilient fingers having an upper tip with an inwardly facing projection; and

(b) a hollow tube retained in the central aperture, the hollow tube having a first open end, a second open end, and a longitudinal axis, the second end having a lower face including a central aperture and including a lower face annular groove including a resilient deformable annular seal arranged in the lower face annular groove surrounding the central aperture; the hollow tube including at least upper, middle, and lower grooves spaced apart along the longitudinal axis, the lower groove including a second resilient annular seal arranged in the lower groove, sealing against a portion of the inner wall of the hollow connector body; wherein the inwardly facing projections of the at least two resilient fingers of the hollow connector body are inserted in the upper groove of the hollow tube such that the hollow tube is rotatable within the central aperture without rotating the hollow connector body.

2. The connector of claim 1, wherein the each of the resilient fingers includes an inwardly facing shoulder a distance from the upper tip.

3. The connector of claim 1 or 2, wherein the middle groove has a lower wall contacting the inwardly facing shoulder on each of the at least two resilient fingers.

4. A connector assembly comprising the connector of any one of claims 1-3, wherein the bottom face of the hollow connector body includes an integrally formed locking mechanism, the integrally formed locking mechanism comprising at least one lug including a slot, and at least one ramp; and an anti-actuation assembly engagement portion comprising at least one recess and/or at least one protrusion;

a removable anti-actuation assembly comprising at least one peel strip, and at least one recess and/or at least one protrusion, the at least one recess and/or at least one protrusion being engaged with the anti-actuation assembly engagement portion of the hollow connector body; and,

a removable cap, engaged with the hollow connector body, wherein the removable anti-actuation assembly is interposed between the removable cap and the hollow connector body, the removable cap covering the bottom face of the hollow connector body.

5. A method for making fluid connections, the method comprising:

(a) placing a bottom face of a first hollow connector body of a first connector assembly of claim 4 comprising a first rotatable hollow tube including a resilient deformable annular seal arranged in an annular groove, wherein the first rotatable hollow tube is retained in a central aperture of the first hollow connector body, wherein the bottom face of the first hollow connector body comprises a first locking mechanism integrally formed with the bottom face of the first hollow connector body, the first locking mechanism comprising at least one lug including a slot, and at least one ramp, in contact with a bottom face of a second hollow connector body of a second connector assembly of claim 4 comprising a second rotatable hollow tube including a second resilient deformable annular seal arranged in an annular groove, wherein the second rotatable hollow tube is retained in a central aperture of the second hollow connector body, wherein the bottom face of the second hollow connector body comprises a second locking mechanism integrally formed with the bottom face of the second hollow connector body, the second locking mechanism comprising at least one lug including a slot, and at least one ramp; in a first position; and

(b) twisting the first hollow connector body and/or the second hollow connector body such that the first locking mechanism engages with the second locking mechanism, the first resilient deformable seal seals against the first hollow tube in the annular groove surrounding the central aperture of the first follow connector body, and the second resilient deformable seal seals against the second hollow tube in the annular groove surrounding the central aperture of the second hollow connector body, in a second position, the second position comprising an actuation position.