WHAT IS CLAIMED IS:

1. A well tool, comprising:

an inner and outer tubings nested to move relative to one another and defining a shear juncture therebetween where a surface of the inner tubing is adjacent a surface of the outer tubing;

a shear member spanning the shear juncture, the shear member having a first portion with a different cross-sectional area than a second portion; and

a cam surface associated with the inner tubing or the outer tubing that abuts the shear member and moves the shear member as the inner and outer tubings move relative to one another and changes the shear member between having the first portion aligned with the shear juncture to having the second portion aligned with the shear juncture,

wherein the cam surface extends in a circumferential direction to move the shear member radially when the inner and outer tubings are rotated relative to one another.

2. The well tool of claim 1, where the cam surface is ramped to move the shear member radially.

3. The well tool of claim 2, where the shear member is arranged to hold the inner and outer tubings from moving axially relative to one another until the shear member is sheared.

4. The well tool of claim 1, where the shear member is biased into the cam surface.

5. The well tool of claim 1, where the cam surface is defined by a surface of the inner tubing.

6. The well tool of claim 5, where the outer tubing comprises a shear member opening receiving the shear member and comprising a spring in the shear member opening biasing the shear member inward into the cam surface of the inner tubing.

7. The well tool of claim 1, comprising a second shear member spanning the shear juncture and having a first portion with a different cross-sectional area than the second portion of the second shear member; and

comprising a second cam surface that abuts the second shear member and moves the second shear member as the inner and outer tubings move relative to one another and changes the second shear member between having the second shear member first portion aligned with the shear juncture to having the second shear member second portion aligned with the shear juncture.

8. The well tool of claim 7, where the first mentioned cam surface and the second cam surface are phased to simultaneously align the second portion of the two shear members with the shear juncture.

9. A method, comprising:
spanning a shear juncture of a well tool in a well with a first portion of a shear member, the shear juncture being between inner and outer tubings of the well tool; and

moving the first portion of the shear member apart from the shear juncture and a second portion of the shear member to spanning the shear juncture, the second portion having a larger cross-sectional area than the first portion,

wherein said moving includes moving the inner tubing or the outer tubing relative to the other.

10. The method of claim 9, where spanning the shear juncture of the well tool in the well with the first portion of the shear member comprises affixing the inner and outer tubings of the well tool against movement in a direction.

11. The method of claim 9, where moving the inner tubing or the outer tubing comprises camming the shear member to move radially.

12. The method of claim 11, where moving the inner tubing or outer tubing comprises rotating the inner tubing or the outer tubing relative to the other.

13. The method of claim 9, comprising moving a first portion of a second shear member from spanning the shear juncture to apart from the shear juncture and a second portion of the second shear member to spanning the shear juncture.

14. The method of claim 13, comprising moving the first shear member and second shear member simultaneously.

15. A well device for use in a well, comprising:
a first well device component adjacent to a second well device component and defining a shear junction therebetween; and
a shear member spanning the shear junction to fix the first and second components against relative movement in a direction, the shear member changeable between providing a first resistance to shear loads across the shear junction and a second, different resistance to shear loads across the shear junction,
wherein the first well device component comprises a cam surface that cams the shear member to align different portions of the shear member with the shear junction.

16. The well device of claim 15, where the shear member comprises at least two portions of different cross-sectional area, and
where moving the shear member to align different portions of the shear member with the shear junction changes the shear member between providing the first resistance to shear loads across the shear junction and the second, different resistance to shear loads across the shear junction.

17. The well device of claim 15, where the cam surface abuts the shear member.

18. The well device of claim 15, where the first well device component is a first tubing and the second well device component is a second tubing nested to telescope with the first tubing.

19. The well device of claim 15, where the cam surface moves the shear member between aligning a first portion with the first resistance to shear loads with the shear junction and aligning a second portion of the shear member with the second, different resistance to shear loads with the shear junction.