CLAIMS

What is claimed is:

1. A configurable coupling assembly, comprising:

a body having a central bore and a plurality of receptacles, wherein the central bore is configured to facilitate flow of fluid through the body, the plurality of receptacles are positioned radially outward from the central bore, each receptacle of the plurality of receptacles comprises a respective mounting feature and the plurality of receptacles are substantially the same as one another; and

a plurality of couplers, wherein each coupler of the plurality of couplers is disposed within a respective receptacle of the plurality of receptacles, each coupler of the plurality of couplers comprises a respective mounting feature configured to engage a corresponding mounting feature of the respective receptacle to couple the coupler to the body, and the plurality of couplers comprises a plurality of different types of couplers, wherein each receptacle of the plurality of receptacles is configured to receive any compatible type of coupler of the plurality of different types of couplers.

2. The configurable coupling assembly of claim 1, wherein the plurality of different types of couplers comprises two or more of a fiber optic coupler, an electrical coupler, a hydraulic coupler, or a chemical injection coupler.

3. The configurable coupling assembly of claim 1 or claim 2, wherein the corresponding mounting features comprise corresponding threads configured to couple each coupler of the plurality of couplers to the body.

4. The configurable coupling assembly of claim 3, wherein the mounting feature of each receptacle of the plurality of receptacles comprises threads, and the respective mounting feature of each coupler of the plurality of couplers comprises corresponding threads.

5. The configurable coupling assembly of claim 4, wherein an undercut is formed adjacent to the threads of each receptacle of the plurality of receptacles.

6. The configurable coupling assembly of any preceding claim, comprising at least one seal disposed within at least one receptacle of the plurality of receptacles between a respective coupler of the plurality of couplers and the body.

7. The configurable coupling assembly of any preceding claim, wherein each receptacle of the plurality of receptacles has a circular cross-section.

8. The configurable coupling assembly of any preceding claim, wherein distances between the plurality of receptacles and the central bore are substantially equal to one another.

9. A configurable tubing hanger, comprising:

a body having a central bore and a plurality of receptacles, wherein the central bore is configured to facilitate flow of hydrocarbons through the body, the body is configured to secure a tubing within a well-bore, the plurality of receptacles are positioned radially outward from the central bore, the plurality of receptacles are substantially the same as one another, and each receptacle of the plurality of receptacles comprises a respective mounting feature, and

a plurality of couplers, wherein each coupler of the plurality of couplers is disposed within a respective receptacle of the plurality of receptacles, each coupler of the plurality of couplers comprises a respective mounting feature configured to engage a corresponding mounting feature of the respective receptacle to couple the coupler to the body, and the plurality of couplers comprises a plurality of different types of couplers, wherein each receptacle of the plurality of receptacles is configured to receive any compatible type of coupler of the plurality of different types of couplers.

10. The configurable tubing hanger of claim 9, wherein the plurality of different types of couplers comprises two or more of a fiber optic coupler, an electrical coupler, a hydraulic coupler, or a chemical injection coupler.

11. The configurable tubing hanger of claim 9 or claim 10, wherein the corresponding mounting features comprise corresponding threads configured to couple each coupler of the plurality of couplers to the body.

12. The configurable tubing hanger of claim 11, wherein the mounting feature of each receptacle of the plurality of receptacles comprises threads, and the respective mounting feature of each coupler of the plurality of couplers comprises corresponding threads.

13. The configurable tubing hanger of claim 12, wherein an undercut is formed adjacent to the threads of each receptacle of the plurality of receptacles.

14. The configurable tubing hanger of any of claims 9 to 13, comprising at least one seal disposed within at least one receptacle of the plurality of receptacles between a respective coupler of the plurality of couplers and the body.

15. The configurable tubing hanger of any of claims 9 to 14, wherein each receptacle of the plurality of receptacles has a circular cross-section.

16. The configurable tubing hanger of any of claims 9 to 15, wherein distances between the plurality of receptacles and the central bore are substantially equal to one another.

17. The configurable tubing hanger of claim 16, wherein the distances between the plurality of receptacles and the central bore are within manufacturing tolerance of one another.

18. The configurable tubing hanger of any of claims 9 to 17, wherein the body has twelve receptacles.