

WHAT IS CLAIMED IS:

1. A system, comprising:
 - a tubular housing;
 - 5 a mandrel removably disposed in the housing, wherein the mandrel comprises at least one set of threads formed on a radially external surface thereof;
 - a split ring disposed within the housing and biased in a radially inward direction, wherein the split ring comprises:
 - at least one set of threads formed on a radially internal surface of the split ring,
 - 10 wherein the at least one set of threads on the split ring is complementary to the at least one set of threads on the mandrel; and
 - a detent formed on the radially internal surface of the split ring adjacent the at least one set of threads of the split ring.
- 15 2. The system of claim 1, wherein the split ring is disposed within an annular space between the mandrel and the housing when the mandrel is disposed in the housing.
3. The system of claim 1, wherein the split ring comprises a first set of threads and a second set of threads formed on the radially internal surface of the split ring, wherein the detent is
20 located axially between the first set of threads and the second set of threads.
4. The system of claim 1, wherein the at least one set of threads of the split ring comprises threads having an angled profile.
- 25 5. The system of claim 1, wherein the detent has a length in an axial direction greater than a pitch of any one thread in the at least one set of threads.
6. The system of claim 1, wherein the detent extends around the entire internal surface of the split ring, and wherein the detent is located at the same axial position as it extends around the
30 entire split ring.

7. The system of claim 1, further comprising a key coupled to the housing, wherein the key extends into a cavity formed at a circumferential position where the split ring is split, wherein the key prevents the split ring from rotating relative to the housing.
- 5 8. The system of claim 1, wherein the detent on the split ring acts as a cam to expand the split ring from a collapsed position to an expanded position upon engagement with a thread of the at least one set of threads of the mandrel while the split ring is rotated relative to the mandrel.
9. The system of claim 1, wherein the at least one set of threads on the split ring is
10 configured to engage the at least one set of threads on the mandrel to facilitate load transfer between the housing and the mandrel.
10. The system of claim 1, further comprising a BOP test tool coupled to a proximal end of the mandrel.
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11. The system of claim 1, further comprising a connector sub comprising a distal end, a proximal end opposite the distal end, and a bore formed therethrough, wherein the connector sub further comprises a threaded connector at the distal end, and wherein the housing is coupled to the proximal end of the connector sub.
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12. The system of claim 11, further comprising an outer housing disposed externally around the housing and around a portion of the connector sub.
13. The system of claim 12, wherein the outer housing comprises an opening at a bottom
25 portion thereof, the opening comprising sloped walls to guide the mandrel into the housing.

14. A method, comprising:

receiving a mandrel into an opening at a proximal end of a connector, the connector comprising a tubular housing and a split ring disposed in the housing, wherein the split ring is biased in a radially inward direction;

5 expanding the split ring radially outward as the mandrel is received further into the connector, wherein the split ring is in a radially expanded position within the housing such that at least one set of threads formed on a radially internal surface of the split ring floats over a complementary at least one set of threads on the mandrel; and

10 collapsing the split ring to engage the at least one set of threads on the mandrel upon the mandrel reaching a position where a detent formed on the radially internal surface of the split ring is received into a corresponding slot on the mandrel.

15. The method of claim 14, further comprising rotating the connector with respect to the mandrel to disengage the split ring from the mandrel.

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16. The method of claim 15, wherein disengaging the split ring comprises:

engaging the detent of the split ring with a thread of the at least one set of threads on the mandrel; and

20 forcing the split ring into a radially expanded position within the housing via the detent interacting with the thread such that the at least one set of threads of the split ring are disengaged from the at least one set of threads of the mandrel.

17. The method of claim 15, further comprising moving the connector with respect to the mandrel after disengaging the split ring to detach the connector from the mandrel.

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18. The method of claim 14, further comprising preventing the split ring from rotating relative to the housing via a key coupled to the housing and extending into a cavity formed at a circumferential position where the split ring is split.

19. A method, comprising:
- connecting a mandrel to a connector, wherein the mandrel is coupled to a test tool and the connector is coupled to a tubular string;
 - lowering the connector and the mandrel together through a series of BOP rams;
 - 5 landing the test tool in a wellhead below the BOP rams;
 - releasing the connector from the mandrel by expanding a split ring disposed within a housing of the connector from a radially collapsed position in engagement with a threaded profile of the mandrel to a radially expanded position;
 - moving the connector uphole from the mandrel to a position above the BOP rams;
 - 10 closing the BOP rams, operating the test tool, and opening the BOP rams; and
 - lowering the connector into engagement with the mandrel, wherein lowering the connector relative to the mandrel causes the split ring to float over the threaded profile until reaching a position where the split ring collapses into engagement with the threaded profile.
- 15 20. The method of claim 19, wherein releasing the connector from the mandrel comprises:
- rotating the connector with respect to the mandrel such that at least one set of threads on the split ring traverse the complementary threaded profile on the mandrel;
 - engaging a detent on the split ring with a thread of the threaded profile on the mandrel;
 - and
 - 20 forcing the split ring into a radially expanded position within the housing via the detent interacting with the thread such that the at least one set of threads of the split ring are disengaged from the threaded profile of the mandrel.