

LANDING NIPPLE

DESCRIPTION

The Landing Nipple is a critical completion component installed in the tubing string to provide a precise internal profile for setting, locking, and sealing a wide range of downhole flow-control devices, such as plugs, valves, and gauges. The precision-machined profile ensures accurate positioning and a reliable seal, enabling effective control of production, testing, or zonal isolation without pulling the tubing.

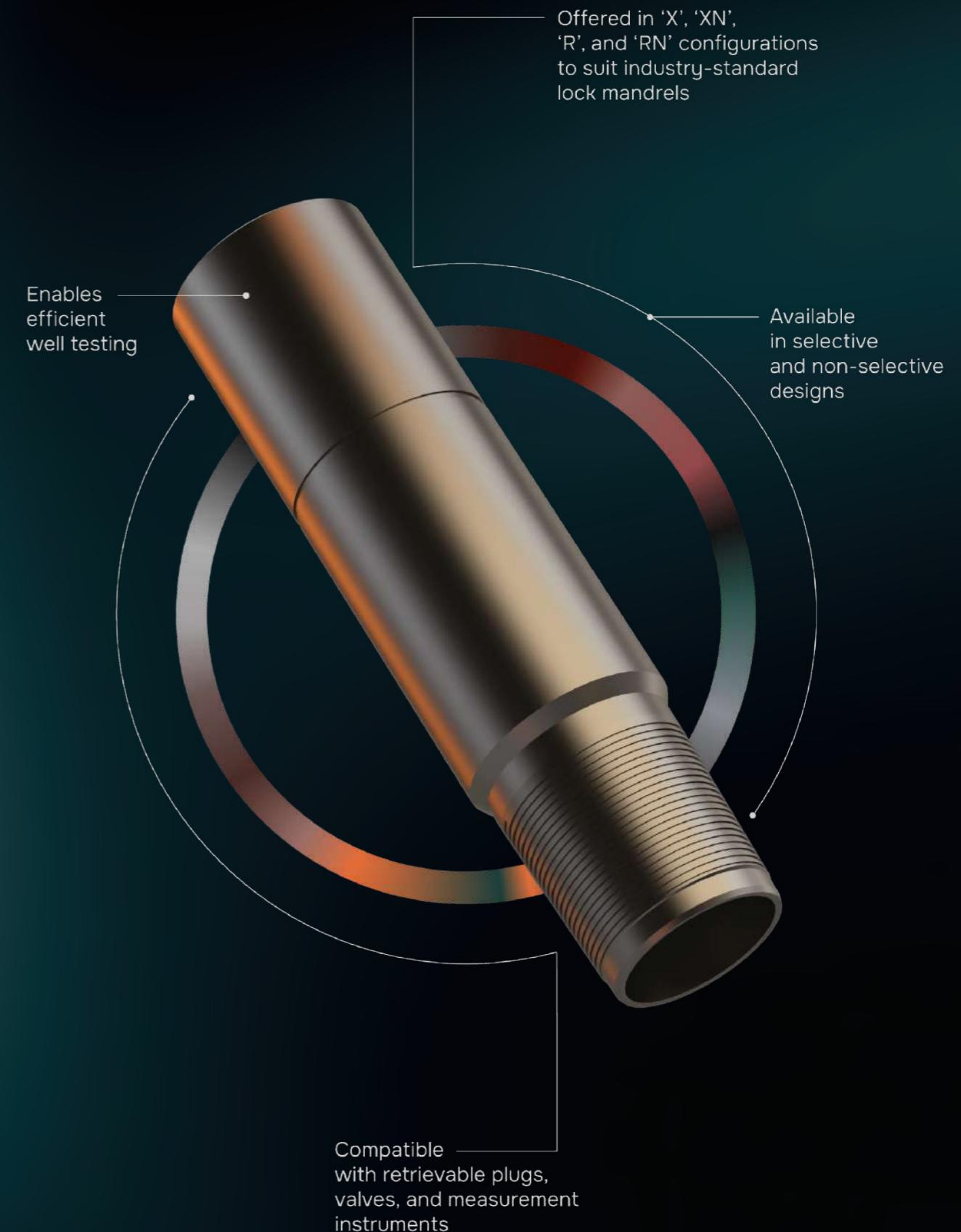
Landing nipples are strategically placed along the tubing string at intervals where intervention or flow control may be required, giving operators maximum flexibility throughout the life of the well. Symoil offers multiple configurations, including:

- 'X' Landing Nipples, featuring a universal internal profile compatible with standard 'X' Lock Mandrels. Multiple selective nipples of the same ID can be installed in sequence, allowing unlimited setting positions for subsurface flow controls
- 'XN' No-Go Landing Nipples, which provide a fixed positive landing point for precise tool placement
- 'R' and 'RN' Landing Nipples, compatible with standard 'R'-type locking equipment

Each design supports a variety of flow-control and measurement devices that can be deployed and retrieved using slickline or wireline tools.

FEATURES

- Provides a precise, secure setting profile for downhole tools
- Compatible with retrievable plugs, valves, and measurement instruments
- Enables efficient well testing, zonal isolation, and production control
- Available in selective and non-selective designs for operational flexibility
- Offered in 'X', 'XN', 'R', and 'RN' configurations to suit industry-standard lock mandrels



Tubing Size
in - [mm]Tubing Weight
Min-Max [lbs/ft]Wall thickness
Min-Max [mm]Tubing ID
in - [mm]X Profile Packing Bore
in - [mm]XN Profile No-Go ID
in - [mm]

1,66 - [42,2]

2,3 - 2,4

3,6

1,38 - [35,1]

1,25 - [31,8]

1,135 - [28,8]

1,9 - [48,3]

2,4

3,2

1,66 - [42,2]

1,5 - [38,1]

1,448 - [36,8]

1,9 - [48,3]

2,76 - 2,9

3,7

1,61 - [40,9]

1,5 - [38,1]

1,448 - [36,8]

2,063 - [52,4]

3,25

4

1,751 - [44,5]

1,625 - [41,3]

1,536 - [39]

2,375 - [60,3]

4,6 - 4,7

4,8

1,995 - [50,7]

1,875 - [47,6]

1,791 - [45,5]

2,875 - [73]

6,4 - 6,5

5,5

2,441 - [62]

1,875 - [47,6]

1,791 - [45,5]

3,5 - [88,9]

9,3 - 10,2

6,5 - 7,3

2,992 - [76]

2,56 - [65,02]
2,812 - [71,4]
2,75 - [69,9]2,666 - [67,7]
2,635 - [66,9]

4 - [101,6]

11

6,7

3,476 - [88,3]

3,313 - [84,2]

3,135 - [79,6]

4,5 - [114,3]

12,6 - 15,2

6,9 - 8,55

3,958 - [100,5]
3,826 - [97,2]3,437 - [87,3]
3,688 - [93,68]
3,812 - [96,8]

3,725 - [94,6]

5 - [127]

13

6,4

4,494 - [114,1]

4,313 - [109,6]

3,987 - [101,3]

5,5 - [139,7]

17 - 23

7,7 - 10,54

4,892 - [124,3]

4,125 - [104,78]
4,313 - [109,6]
4,562 - [115,9]

4,455 - [113,2]