

## COMPLETION SOLUTIONS | SUBSURFACE SAFETY VALVES

# Safety valve landing nipple (SVLN)

## FEATURES

- Rugged, non-welded design
- Large ID compatible with tubing size and weight
- Wide range of sizes and profiles available
- Solid, non-welded control-line connection and protection portion of nipples
- Control port machined into nipple wall
- Feedthrough and punch to communicate design option

## BENEFITS

- Easily customized to match tubing string specifications
- Helps provide pre-determined setting point for surface-controlled insert safety valves
- Allows installation and retrieval of a safety valve without pulling completion string

## APPLICATIONS

- Production and injection wells
- Punch-to-communicate options for stimulation and cement through operations
- Adds insert valve functionality to TRSV's not equipped with communication features

## Overview

Halliburton safety valve landing nipples (SVLNs) are designed to accept surface-controlled wireline-retrievable safety valves (WLRSVs). An internal profile is machined in these nipples to allow a lock mandrel/safety valve to be landed and locked in place.

SVLNs are available with connections for one or two external control lines and standard or heavyweight tubing with corresponding seal-bore sizes. Feedthrough designs allow bypass options or helps provide functionality for equipment below the SVLN.

### Punch-to-communicate SVLNs

Punch-to-communicate SVLN's enable full metal-to-metal isolation of the hydraulic control line system. They allow fullbore access to the completion string without using slickline installed isolation sleeves to isolate and protect the hydraulic control system. Punch-to-communicate SVLNs are designed to accept surface-controlled WLRSVs. The punch-to-communicate SVLN maintains tubing to control line isolation until communication is required. A communication tool is deployed to establish control line communication. Punch-to-communicate, feedthrough SVLNs are typically used to add insert valves to TRSVs not equipped with communication features.

### OTIS® XXO and RRO sliding sleeve nipples

Halliburton OTIS® XXO and RRO sliding sleeve nipples incorporate an inner sleeve that can be closed during tests and well cleanup, and then subsequently opened to allow safety valve control. The sleeve can be opened by a wireline trip before the safety valve is run or a shifter mandrel can be run with the safety valve. The shifter mandrel opens the inner sleeve when the valve is run and closes the sleeve when the valve is retrieved.



Punch-to-Communicate SVLN assembly

## Safety valve landing nipples



HCT3038-002

Feedthrough  
SVLN / TRSV assembly



HCT3038-006

Sliding side door SVLN  
assembly



HCT3038-005

SVLN assembly

### Ordering information

Available in 2-3/8 in. to 5-1/2 in.

Special sizes available on request

Product hierarchy: 1110033MSSQSVN

### Ordering information

Specify: tubing size, weight, grade, and thread; casing size and weight; service environment (standard, %H<sub>2</sub>S, %CO<sub>2</sub>, amines/other chemicals, chloride content, etc.); size of nipple bore; sliding sleeve required (Y/N); special material requirements, if applicable

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