

# CAMX Selective Landing Nipple

CAMX landing nipples are fully selective nipples used to land, lock, and seal Otis®-style X-type locking mandrels with attached flow control devices in the production tubing string.

## APPLICATION

- Single and dual completions

## BENEFIT

- Fully selective design

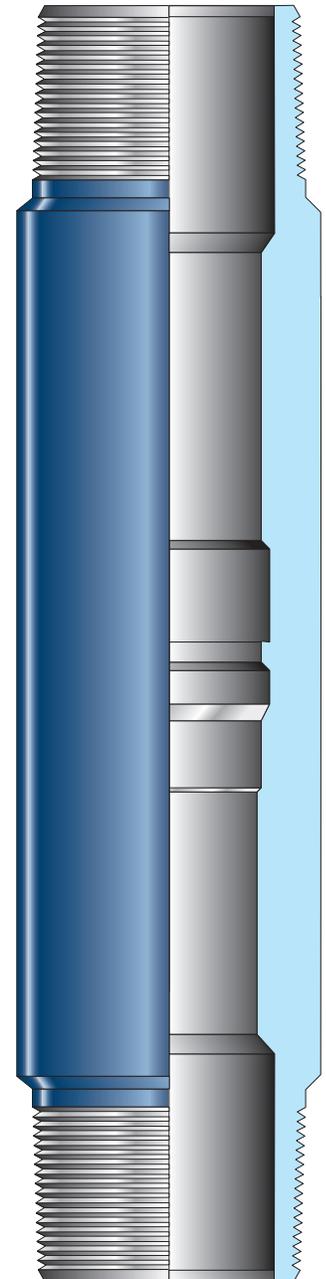
## FEATURES

- Honed bore
- Metallurgy compatible with service environment
- Thread connection choices to match tubing
- Available with all API and most premium thread connections

The internal profile of CAMX landing nipples includes a selective profile, a locking recess, and a polished bore. When installed, the locking dogs in the X-type lock move out into the recess of the nipple, anchoring the lock and positioning the lock packing in the polished bore section of the nipple. CAMX nipples are made from either low alloy steel, 9 Cr-1 Mo Steel, or premium metallurgies if required for the service environment.

## DESCRIPTION AND OPERATION

The CAMX nipple is a selective landing nipple, generally used as the upper nipple or as stacked nipples in a completion. It is fully selective, and any number of X-type nipples may be run in the completion string. The X-type running tool will locate and lock the attached X-type locking mandrel with appropriate flow control device in the nipple of choice. The CAMX nipple is compatible with flow control equipment designed to be attached to X-type locking mandrels.



**CAMX Selective Landing Nipple Specifications**

Tubing		Nipples	
OD (in. [mm])	Weight (lbm/ft)	Max. OD <sup>†</sup> (in. [mm])	Sealbore (in. [mm])
1.660 [42.2]	2.4	1.890 [48.0]	1.135 [28.8]
1.900 [48.3]	2.9	2.130 [54.1]	1.448 [36.8]
2.063 [52.4]	3.3	2.340 [59.4]	1.563 [39.0]
2.375 [60.3]	4.7	2.710 [68.8]	1.791 [45.5]
2.875 [73.0]	6.5	3.230 [82.0]	2.205 [56.0]
3.500 [88.9]	9.3	4.250 [108.0]	2.635 [66.9]
			2.666 [67.7]
4.500 [114.3]	12.8	4.940 [125.5]	3.725 [94.6]

<sup>†</sup> This is the minimum OD available for sealbore size.  
Standard nipple OD is the same as the tubing connection.