

B-Series Safety Valve Landing Nipples

Hydraulic safety valve landing nipples with working pressures to 10,000 psi [68,950 kPa]

APPLICATIONS

- Standard or heavyweight production tubing
- Sweet to severely corrosive environments from 40 degF to 300 degF [4 degC to 149 degC]

BENEFITS

- Provides an unobstructed flow path and reliable production.
- Design is cost effective and easy to run.

FEATURES

- Straight-through bore design
- Designed in accordance with API and ISO criteria
- Compact design

The versatile Camco* B-series landing nipples are designed for pressure containment as part of the tubing string. These nipples have a locking recess and a hydraulic communication port located between the two polished bores. B-series nipples feature an integral control line connection port.

These nipples are designed to be compatible with most premium threads and can be used with either API standard-weight or non-API heavyweight production tubing in sweet to severely corrosive environments. B-series nipples are rated to 10,000 psi [68,950 kPa] working pressure. A variety of nipple bores are available.

To protect the polished bores of the nipple, hydraulic landing nipple packoffs are available. These packoffs prevent debris from entering the hydraulic control line during installation or routine service work. The nipple packoff seals the polished bore and isolates the hydraulic control line port from wellbore debris.

B-6I, BP-6I

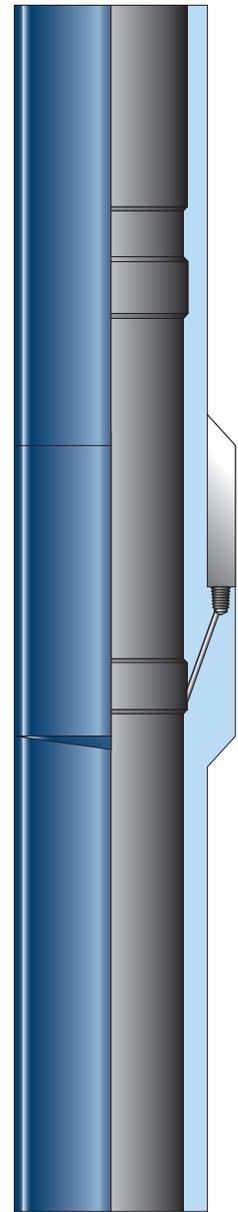
The B-6I and the BP-6I are nipples that accept the appropriate Camco Recovery, B-7, WRDP, and WRP series slickline-retrievable safety valves. The BP-6I has an integral control line connection rather than a welded control line connection and features premium threads.

B-6-HPI

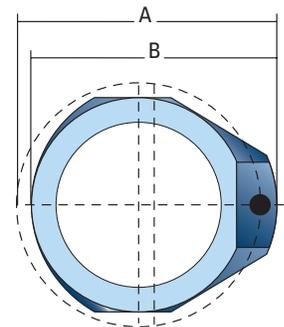
The B-6-HPI is a high-pressure nipple specifically designed to accept the appropriate Camco WRDP-1AH or WRP-1AH series valves, while also accepting other valves adapted to B-6 locks. The B-6-HPI also features an integral control line connection and is available with either standard or premium threads.

INSTALLATION AND RETRIEVAL

The B-series hydraulic nipple is installed at the desired location and run with the well completion. The nipple is retrieved when the completion string is pulled.



B-6I series landing nipple.



EUE collar OD.

B-Series Safety Valve Landing Nipples

Engineering Data for B Series Safety Valve Landing Nipples

Tubing Size [†] (in [mm])	Nipple Type	Polished Bore (in [mm])	Max. Width		Working Pressure (psi [kPa])	Tensile Strength [‡] less Threads (lb [kg])
			EUE Threads A (in [mm])	Premium Threads B (in [mm])		
2.375 [60.3]	BP-61	1.875 [47.6]	3.465 [88.0]	3.291 [83.6]	10,000 [68,950]	174,000 [78,909.0]
2.875 [73.0]		2.312 [58.7]	4.025 [102.2]	3.806 [96.7]		240,000 [108,840.0]
3.500 [88.9]		2.812 [71.4]	4.508 [114.5]	4.508 [114.5]		337,000 [152,829.5]
4.500 [114.3]	BP-61-HP	3.687 [93.6]	5.841 [148.4]	5.841 [148.4]		511,000 [231,738.5]
	BP-61	3.812 [96.8]	5.951 [151.2]	5.951 [151.2]	7,500 [51,713]	597,000 [270,739.5]
	B-61-HPI	3.562 [90.5]	5.944 [151.0]	5.725 [145.4]	10,000 [68,950]	441,000 [199,993.5]
	B-61	3.687 [93.6]	6.153 [156.3]	6.153 [156.3]	772,000 [350,102.0]	
5.000 [127.0]	BP-61	3.750 [95.3]	6.216 [157.9]	6.216 [157.9]	5,000 [34,475]	856,000 [388,196.0]
5.500 [139.7]			4.562 [115.9]	6.641 [168.7]	6.641 [168.7]	6,000 [41,370]
		B-61-HPI	4.500 [114.3]	6.115 [155.3]	6.115 [155.3]	7,700 [53,092]
7.000 [177.8]	BP-61	6.000 [152.4]	8.247 [209.5]	8.247 [209.5]	5,000 [34,475]	1,052,000 [477,082.0]
		5.937 [150.8]	8.375 [212.7]	8.375 [212.7]		1,269,000 [575,491.5]

[†] The engineering data provided illustrate the scope of this product offering and are not all inclusive. Additional sizes and pressure ratings are available upon request.

[‡] Tensile ratings are given for specific example valves; higher-strength materials affect this value. Tensile ratings shown are exclusive of end connection and at ambient temperature.

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