

AutoLatch™ Live Well Perforating Deployment System

SAFE, ROBUST, AND EFFICIENT SYSTEM FOR DEPLOYING PERFORATING STRINGS WITHOUT KILLING THE WELL

OVERVIEW

The AutoLatch™ release gun connector is designed to join VannGun® assemblies and enables VannGun sections to be run in and out of new or producing wells. Using the AutoLatch system, VannGun assemblies are connected without rotation under full pressure control and can be operated with standard blowout preventer (BOP) rams, making this connector ideal for snubbing guns into and out of the wellbore with coiled tubing or a hydraulic workover (HWO) unit.

BENEFITS

- » Delivers the advantages of live well perforating with no kill fluids, and with no formation damage caused by kill fluids, thus providing the ability to perforate with maximum underbalance
- » Uses standard BOPs
- » Maintains positive pressure control – at least one BOP ram closed during every running in and retrieval step, and two gate valves closed when disconnecting the lubricator
- » Faster deployment and retrieval

FEATURES

- » Simple gun connection inside BOPs – no rotation required
- » High-pressure/high-temperature (HP/HT) applications, with connectors rated to 20,000 psi
- » Shearable sections available
- » Can be used with coiled tubing, HWO, or wireline deployment
- » Can perforate in underbalanced or overbalanced conditions
- » Seal on lower sub provides additional pressure control capabilities for high-pressure wells
- » Compatible with oriented perforating systems
- » Sections are quickly connected for time savings
- » Can be designed to accommodate different BOPs

AutoLatch™ Specifications

SAP No.	Top Thread in.	Maximum OD in. (mm)	Seal Area OD in. (mm)	Maximum Operating Pressure psi (bar)	Tensile Rating lb (kg)	Makeup Length ft (m)
Upper Assembly 101866203	2¼ Gun Pin	2.88 (73.15)	N/A	20,000 (1380)	70,000 (31 751)	2.92 (0.89)
Lower Assembly 101754258	2¼ Gun Box	2.88 (73.15)	1.75 (44.45)	20,000 (1380)	85,000 (38 555)	2.03 (0.62)
Lower Assembly 101703408	2¼ Gun Box	2.88 (73.15)	2.00 (50.80)	20,000 (1380)	85,000 (38 555)	2.03 (0.62)
Lower Assembly 101205878	2¼ Gun Box	2.88 (73.15)	2.38 (60.45)	20,000 (1380)	85,000 (38 555)	1.95 (0.59)
Lower Assembly Shearable 101327224	3¼ Gun Box	3.38 (85.85)	2.38 (60.45)	14,000 (965)	85,000 (38 555)	2.72 (0.83)

For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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