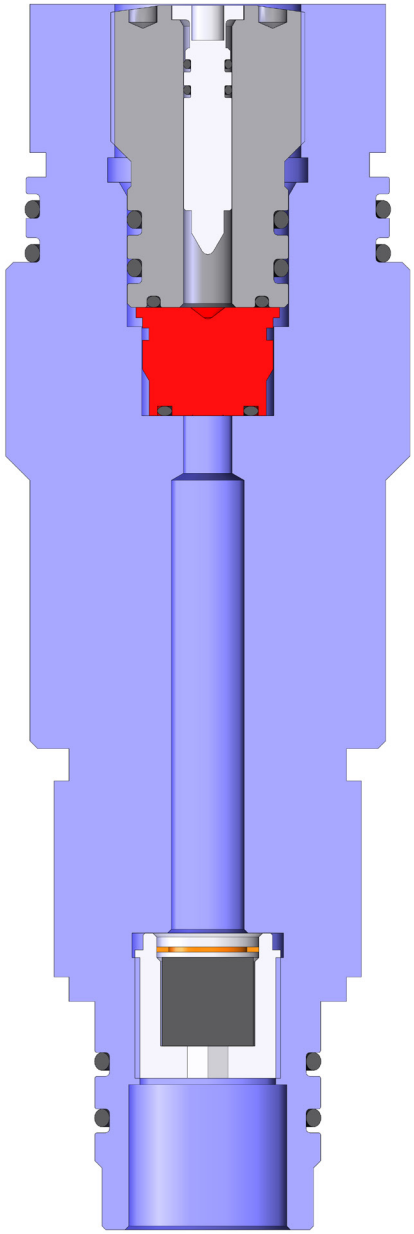


DESCRIPTION

The Coiled Tubing Shoot and Plug system is used in conjunction with the HTD-BLAST® System (TC-044-XXXX-000) to perforate and set a bridge plug in one run into the wellbore. The system is attached to the bottom of the last perforating gun of the HTD-BLAST® System. The HTD-BLAST® System is activated using a Ball Activated Differential Safety Firing Head (TC-022-2375-000/200) which is attached to the top perforating gun. During the firing sequence, the system is moved down hole to perforate each interval. The plug is set at the end of the firing sequence.

FEATURES AND BENEFITS

- Allows a bridge plug and perforating guns to be run in one trip
- Run with Owen's reliable HTD-BLAST® System
- Uses Owen's proven and reliable TCP firing heads

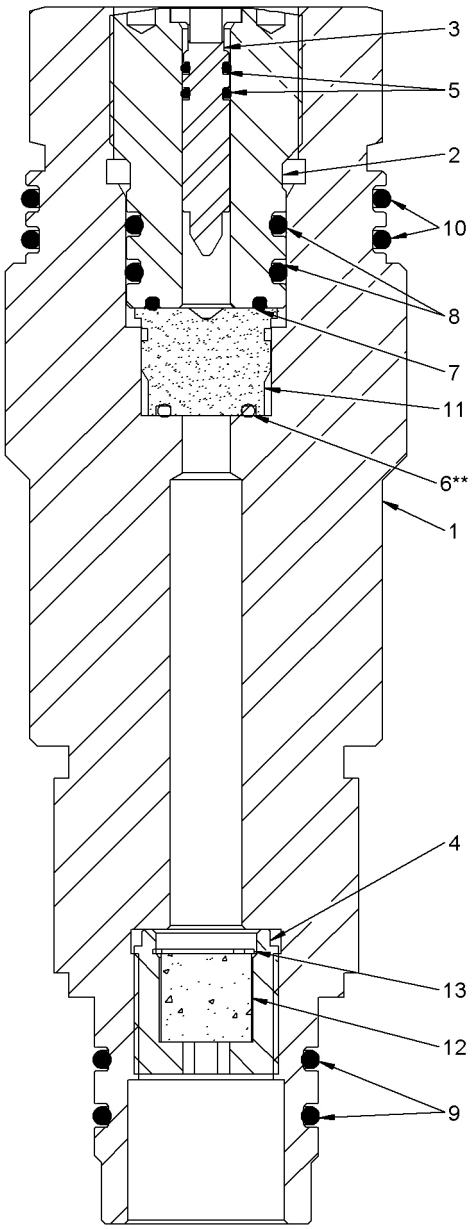
APPLICATIONS

- Perforating and setting bridge plugs in one trip in wells that do not have fluid in them which is required for wireline pump down plug and shoot operations in horizontal wells.
- Wet Shoe or mechanical sleeve/valve failure and injection rate is not sufficient to pump wireline guns down to set plug and perforate next stage and it is not possible to pressure up on the wellbore.
- Setting bridge plugs in conjunction with the HTD-BLAST® System and well bore pressure is too high to use Plug and Shoot System (TC-045-2375-010/020).

SPECIFICATIONS

	TC-045-2750-010	TC-045-2750-020
O.D.	3.77" (95.8 mm)	3.81" (96.8 mm)
Make-Up Length	3.40" (86.4 mm)	3.25" (82.6 mm)
Maximum Temperature[1]	250°F (121.1 °C)	
Maximum Hydrostatic	15,000 psi (103.4 Mpa)	
Tensile Strength (@72°F, 22.2°C)	90,500 lbf. (56,700 daN)	
Top Connection	2.750"-6P-ACME	2.750"-6P-ACME
Bottom Connection	Baker #10	Baker #20

[1]The maximum temperature can be increased to 150^{0}F (230^{0}C) by substituting the 90 durometer Nitrile O-Rings with 90 durometer Viton O-Rings. Refer to the Time vs. Temperature Chart for explosives to confirm any explosives requirements.



ITEM	PART NUMBER	QTY	DESCRIPTION
1	TC-045-0001-010	1	Body, 2.750” ACME to Baker #10
	TC-045-0001-020		Body, 2.750” ACME to Baker #20
2	TC-045-0004-000	1	Firing Pin Retaining Body
3*	TC-044-0003-000	1	Firing Pin, CT Transfer
4	TC-045-0005-000	1	Secondary Igniter Retainer
5*	OOO-N569-010	2	O-Ring, N-90
6**	OOO-N569-113	1	O-Ring, N-90
7*	OOO-N569-116	1	O-Ring, N-90
8*	OOO-N569-214	2	O-Ring, N-90
9*	OOO-N569-222	2	O-Ring, N-90 (Baker #10)
	OOO-N569-328		O-Ring, N-90 (Baker #20)
10*	OOO-N569-230	2	O-Ring, N-90
11	2-350580	1	RDM Initiator (Sold Separately)
	51-6956-3		Detonator, CLCP (Sold Separately)
12	PUR-6000-102	1	Baker Secondary Igniter (Sold Separately)
13	N5000-75	1	Snap Ring (Comes w/ Igniter)
-	TC-045-2750-199	-	Redress Kit for TC-045-2750-010
-	TC-045-2750-299	-	Redress Kit for TC-045-2750-020
-	MAN-TC-045-2750	--	Procedure Manual, CT Shoot and Plug

*Denotes parts that comes in the redress kit.

****NOTE:** Must use O-ring #113 that comes with the CP Detonator. The O-ring goes on the bottom of the detonator to provide a seal.

The below 5” Port Plug Wrench (HSC-0100-069) can be used to thread the firing pin retainer body (item 2) into the adapter body (item 1). When tightening against the CLCP detonator, DO NOT use more than 20ft. lbf (27 N-m).