

Description:

Owen’s Split Shot® Cutter was designed for use where traditional jet cutters were not effective or could not be used. The Split Shot® Cutter is run in a linear configuration adjacent to any collar or connection and positioned by inline magnets. After detonation the collar or connection is split allowing the pipe to be freed for easy removal.

Benefits / Capabilities:

- “Air shippable” at Class 1.4D
- Conforms to API RP-67
- Can be run through heavy mud, paraffin, collapsed tubing, and reduced restrictions.
- Can be run 4X faster than conventional jet cutters.
- Must be run decentralized to maximize effectiveness of tool.
- If shooting in a connection with a premium thread, (i.e. VAM, Hydril, etc.), please contact your local Owen representative for recommendations.

Patents:

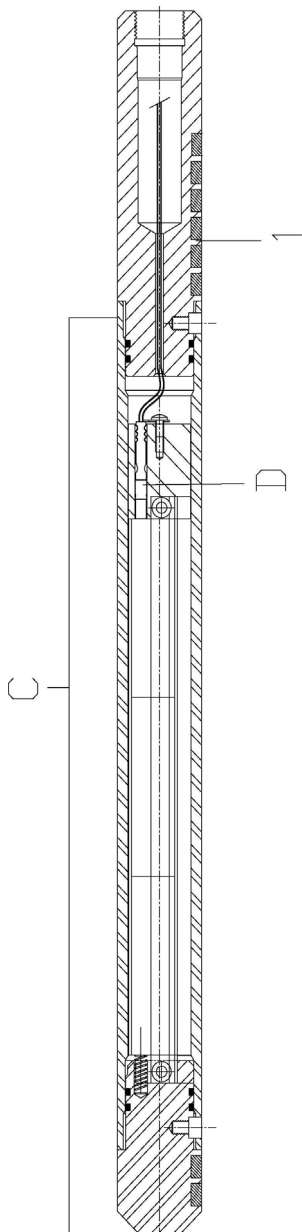
United States Patent 5,720,344: Method of longitudinally splitting a pipe coupling within a wellbore.

Specifications:

TOOL	1-3/8 IN.				2 IN.			
	1-3/8 in.	34.9 mm	1.375 in.	34.9 mm	2.000 in.	50.8 mm	2.000 in.	50.8 mm
Housing Material	Aluminum							
Explosive Length	18, 24, 48 in.				18, 24, 48 in.			
	45.7, 70.0 cm				45.7, 70.0, 122.0 cm			
Explosive Load	600 grain/ft		900 grain/ft		1200 grain/ft		2000 grain/ft	
Minimum Running Restriction	1.775 in.	45.1 mm	1.775 in.	45.1 mm	2.625 in.	66.7 mm	2.625 in.	66.7 mm
Recommended Tubing / Casing Applications	2.375 to 2.875 in.		2.875 to 4.500 in.		3.500 to 7.000 in.		5.500 to 16.000 in.	
	60.3 to 73.0 mm		73.0 to 114.3 mm		88.9 to 177.8 mm		139.7 to 406.4 mm	
Maximum Pressure	psi	MPa	psi	MPa	psi	MPa	psi	MPa
up to 200°F (93°C)	14,000	96.5	14,000	96.5	11,700	80.7	11,700	80.7
200°F to 325°F (93°C to 163°C)	13,250	91.4	13,250	91.4	11,000	75.8	11,000	75.8
325°F to 400°F (163°C to 200°C)	11,800	81.4	11,800	81.4	9,850	67.9	9,850	67.9

Pressure Ratings are based on 1 hour exposure. For durations exceeding 1 hour please contact Owen Engineering. Refer to the “Time vs Temperature Chart for Explosives” for allowable operating temperatures.

ITEM	1	D	C	C	C
DESCRIPTION	MAGNETIC TOP SUB	DETONATOR	18" LONG ASSY	24" LONG ASSY	48" LONG ASSY
1 3/8" OD (600gr/ft)	SSC-1375-005	DET-3050-009LS or 2-300750-1	SSC-1375-311 (3 - 6" Segments)	SSC-1375-321 (4 - 6" Segments)	--
1 3/8" OD (900gr/ft)	SSC-1375-005	DET-3050-009LS or 2-300750-1	SSC-1375-312 (6 - 3" Segments)	SSC-1375-322 (8 - 3" Segments)	SSC-1375-342 (16-3" Segments)
2" OD (1200gr/ft)	SSC-2000-010	DET-3050-009LS or 2-300750-1	SSC-2000-312 (6 - 3" Segments)	SSC-2000-322 (8 - 3" Segments)	SSC-2000-342 (16 - 3" Segments)
2" OD (2000gr/ft)	SSC-2000-010	DET-3050-009LS or 2-300750-1	SSC-2000-311 (9 - 2" Segments)	SSC-2000-321 (12 - 2" Segments)	SSC-2000-341 (24 - 2" Segments)



- Top Sub and Detonator must be ordered separately from Split Shot® Assembly.
- Magnetic Top Sub may be used more than once.
- HMX Split Shots are available by special order. Parts should be ordered by replacing the 3 with a 4, ie. SSC-XXXX-4XX

NOTE: Split Shots can be run using Safe Detonator System or Owen Green DET™ as a replacement to the DET-3050-009LS. Please Reference Safe Ignition Systems Section.

WARNING

Use of Owen equipment contrary to manufacturer's specifications may result in property damage, serious injury or fatality. If you are not trained in the handling and use of explosive devices, do not attempt to assemble any Owen Perforating Systems or Owen Firing Devices.

For Technical Assistance, Please Contact:

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