

# Shogun Cutter

Cement through rotary-driven single-trip recovery system

## Applications

- Cement plug placement
- Set hydraulic or mechanical bridge plug
- Drilling off cement plugs or displacing wellbore fluids with high flow rate

## Features and Benefits

- Capable of conducting multiple cuts in the casing in a single trip
- Large total flow area (TFA) allows for high flow rates when drilling cement or displacing wellbore fluids
- Hard stop feature to mitigate damage to outer casing
- Spring return to eliminate possibility for knives to get stuck
- Drop ball required to covert to 'cut ready' mode
- Pressure rated to 5,000 psi

## Tool Description

The Weatherford Shogun Cutter is an integral part of the Shogun System, a cutting-edge multi-function cement-through cut and pull assembly.

## Specifications

Shogun Cutter	9-5/8 in.	13-3/8 in.
Top connection	6 5/8-in. Reg Box	
Bottom connection	6 5/8-in. Reg Box	
Max Knife Sweep (Hard Stop)	11-1/4 in. (285.75 mm)	16-3/4 in. (425.45 mm)
Maximum OD - Tool Body	8-1/4 in. (209.55 mm)	
Maximum OD - Stabilizers	8-1/2 in. (215.90 mm)	
Tool length	8.73 ft (2.66 m)	
Tool weight	1,058 lbs. (480 kg)	1,102 lbs. (500 kg)
Maximum RPM	110	



The Weatherford Shogun Cutter is an integral part of the Shogun System, a cutting-edge multi-function cement-through cut and pull assembly.



# Shogun Mill

## Cement through mill

### Applications

- Cement through rotary-driven single-trip casing recovery system
- Cement plug placement
- Drilling off cement plugs or displacing wellbore fluids with high flow rate
- Set hydraulic or mechanical bridge plug

### Features and Benefits

- Cement compatible - Large TFA through cement friendly internals
- Large TFA to allow high flow rates when drilling cement or displacing wellbore fluids
- Drop ball conversion from 'cement mode' to 'dress mode'
- Same chassis used for 9-5/8 in. to 13-3/8 in.
- Large TFA allows mill recovery through cement plug
- Pressure integrity for hydraulic set plugs

### Tool Description

The Weatherford Shogun Mill is an integral part of the Shogun System, a cutting-edge multi-function cement-through cut and pull assembly.

### Specifications

Shogun Mill	9-5/8 in.	13-3/8 in.
Top connection	DPM DS 38	
Bottom connection	NC50 Pin	
Casing size and weight	9-5/8 in. 47- 53.5#	13-3/8 in. 68-72#
Maximum OD - tool body	5 in. (127 mm)	
Maximum OD - blades	8.495 in. (215.77 mm)	12.245 in. (311.02 mm)
Minimum TFA (pre-disconnect)	0.994 in <sup>2</sup>	
Minimum TFA (post-disconnect)	3.0779 in <sup>2</sup>	
Tool length (pre-disconnect)	36.5 in. (927 mm)	
Tool length (post-disconnect)	31.8 in. (807.72 mm)	
Tool weight (pre-disconnect)	262 lbs. (119.1 kg)	330 lbs. (150.0 kg)
Tool weight (post-disconnect)	185 lbs. (84.0 kg)	251 lbs. (114.1 kg)



The Weatherford Shogun Mill is an integral part of the Shogun System, a cutting-edge multi-function cement-through cut and pull assembly.



# Shogun Anchor

Cement through rotary-driven single-trip recovery system

## Applications

- Cement plug placement
- Drilling off cement plugs or displacing wellbore fluids with high flow rate
- Set hydraulic or mechanical bridge plug

## Features and Benefits

- Large total flow area (TFA) allows for high flow rates when drilling cement or displacing wellbore fluids
- Cement compatible - Large total flow area through cement-friendly internals
- Drop ball conversion from cement-mode to anchor-mode and anchor remains dormant until ball is deployed
- Same chassis used for 9-5/8 in. to 13-3/8 in.
- High-expansion slips have the ability to engage in 9-5/8 in. through 10-3/4 in. casing, providing downhole flexibility
- Anchored centralization delivers knife longevity for multiple cuts
- Field rated to 1,000,000 lb tensile pull
- Ability to apply tension during cut

## Tool Description

The Weatherford Shogun Anchor is an integral part of the Shogun System, a cutting-edge multi-function cement-through cut and pull assembly.

## Specifications

Shogun Anchor	9-5/8 in.		11-3/4 in.	13-3/8 in.
Casing size and weight	9-5/8 in. 47-53.5#	10-3/4 in. 60.7-85.3#	11-3/4 in. 77.2#	13-3/8 in. 68-72#
Top connection	NC50 Box			
Bottom connection	NC 50 Pin / 6 5/8-in. Reg Pin			
Maximum OD - Tool Body	8-1/4 in. (209.55 mm)			
Maximum OD - Stabilizers	8.495 in. (215.77 mm)	10.345 in. (262.76 mm)	12.191 in. (309.65 mm)	
Tool length	122.7 in. (3,116 mm)			
Tool weight	1,322 lbs. (600kg)	1,521 lbs. (690kg)	1,649 lbs. (748kg)	

Configurable for 16 in. upon request.



The Weatherford Shogun Anchor is an integral part of the Shogun System, a cutting-edge multi-function cement-through cut and pull assembly.

