

# HARD TIP BREAKER & PORTED BLIND BOX



## TOOL APPLICATIONS

Ported Blind Box is connected to the Coiled Tubing toolstring to provide a solid, flat face to impact against during downward jarring and impact hammer operations.

Due to the solid design and the ported capability, debris can be circulated from the wellbore as the fish is pushed beyond the desired area within the wellbore.

## FEATURES AND BENEFITS

- Available in a range of sizes to suit all completion designs
- Flo-Thru capability to aid with debris removal from the well-bore
- Tapered designs available
- Connection options to suit customer requirements
- Hexagonal flats for safe make-up & break-out

## SPECIFICATIONS

Technical Variable		Units	Size		
			1 1/16"	2 1/8"	2 7/8"
Max OD		in	1.850	2.250	2.875
Min ID		in	0.750	1.000	1.375
Connection	Top	Box	1" AMMT	1 1/2" AMMT	2 3/8" PAC DSI
	Bottom	Pin	1" AMMT	1 1/2" AMMT	2 3/8" PAC DSI
Make Up Length		in	12	12	12
Ports Circulation x 4		in	0.375	0.375	0.375
Strength	Yield	lbs	68,100	127,100	238,440
	Torsional	ft.lbs	765	1,770	4,800
Make Up Torque		ft.lbs	500	900	3,250