

## X2500HT Series Core Barrel 8" x 5 1/4"

### DESIGN SPECIFICATIONS



Outer Tube		
Material	4140 HTSR Steel	
Connection	4 1/2 FH	
	Imperial	Metric
Weight (60' / 18M)	5275 Lbs	2393 Kg
OD	8"	203.20 MM
ID	6.750"	171.45 MM
Core Size	5.250"	133.35 MM
Wall Thickness	0.625"	15.88 MM
Length(s)	30' - 120'	9M -36M
Bit / Hole Sizes	12.25" – 14"	200MM - 222 MM
Max Hole Temperature	600°F/315°C	Perfluoroelastomer Seals

Inner Tube		
	Imperial	Metric
<b>Steel</b>		
OD	6.250"	157.98 MM
ID	5.500"	139.7 MM
Core Size	5.250"	133.4 MM
Wall Thickness	0.25"	6.35 MM
Max Hole Temp	~	~
<b>Aluminum</b>		
OD	6.250"	157.98 MM
ID	5.500"	139.7 MM
Core Size	5.250"	133.4 MM
Wall Thickness	0.25"	6.35 MM
Max Hole Temp	662°F	350°C
<b>Fiberglass</b>		
OD	6.250"	157.98 MM
ID	5.500"	139.7 MM
Core Size	5.250"	133.4 MM
Wall Thickness	0.25"	6.35 MM
Max Hole Temp	266°F	130°C

Mechanical Properties		
	Imperial	Metric
Make Up Torque	35000 Ft Lbs	47450 n-m
Yield Torque	57400 Ft Lbs	77820 n-m
Tensile Yield	950000 LBS*	422581 Dan
Max Dogleg Rotating	4.8° / 33'	4.8° / 10 M
Max Dogleg Non -Rotating	1.4° / 33'	1.4° / 10M