

X2500HT Series Core Barrel 4 3/4" x 2 5/8"

DESIGN SPECIFICATIONS

Outer Tube		
Material	4140 HTSR Steel	
Connection	3 1/2 IF	
	Imperial	Metric
Weight (60' / 18M)	3640 Lbs	1651 Kg
OD	4.75"	120.65 MM
ID	3.750"	95.25 MM
Core Size	2.625"	66.7 MM
Wall Thickness	0.500"	12.7 MM
Length(s)	30' - 120'	9M -36M
Bit / Hole Sizes	5.875" – 6.75"	149MM - 171 MM

Inner Tube		
	Imperial	Metric
Steel		
OD	3.375"	85.73 MM
ID	2.875"	73.00 MM
Core Size	2.625"	66.7 MM
Wall Thickness	0.25"	6.35 MM
Max Hole Temp	~	~
Aluminum		
OD	3.375"	85.73 MM
ID	2.875"	73.00 MM
Core Size	2.625"	66.7 MM
Wall Thickness	0.25"	6.35 MM
Max Hole Temp	662°F	350°C
Fiberglass		
OD	3.375"	85.73 MM
ID	2.875"	73.00 MM
Core Size	2.625"	66.7 MM
Wall Thickness	0.25"	6.35 MM
Max Hole Temp	266°F	130°C

Mechanical Properties		
	Imperial	Metric
Make Up Torque	10,000 Ft Lbs	13558 n-m
Yield Torque	22100 Ft Lbs	30,000 n-m
Tensile Yield	292,000 LBS	1300 kN
Max Dogleg Rotating	2.1° / 33'	2.1° / 10 M
Max Dogleg Non -Rotating	4.7° / 33'	4.7° / 10M

