

X2500HT Series Core Barrel 6 3/4" x 4"

DESIGN SPECIFICATIONS

Outer Tube		
Material	4140 HTSR Steel	
Connection	4 1/2 FH	
	Imperial	Metric
Weight (60' / 18M)	3640 Lbs	1651 Kg
OD	6.75"	171.45 MM
ID	5.375"	136.52 MM
Core Size	4.00"	101.4 MM
Wall Thickness	0.6875"	17.5 MM
Length(s)	30' - 120'	9M -36M
Bit /Hole Sizes	7.874" - 8.750"	200MM - 222 MM
Max Hole Temperature	600°F/315°C	Perfluoroelastomer Seals

Inner Tube		
	Imperial	Metric
Steel		
OD	4.75"	120.65 MM
ID	4.25"	107.95 MM
Core Size	4.00"	101.4 MM
Wall Thickness	0.25"	6.35 MM
Max Hole Temp	""	""
Aluminum		
OD	4.75"	120.65 MM
ID	4.25"	107.95 MM
Core Size	4.00"	101.4 MM
Wall Thickness	0.25"	6.35 MM
Max Hole Temp	662°F	350°C
Fiberglass		
OD	4.75"	120.65 MM
ID	4.25"	107.95 MM
Core Size	4.00"	101.4 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	47453 n-m
Yield Torque	55500 Ft Lbs	74570 n-m
Tensile Yield	705,000 LBS	313,920 Dan
Max Dogleg Rotating	4.8° / 33'	4.8° / 10 M
Max Dogleg Non -Rotating	1.4° / 33'	1.4° / 10M

