

# TECHNICAL INFORMATION - HSC HICOM

# CASING

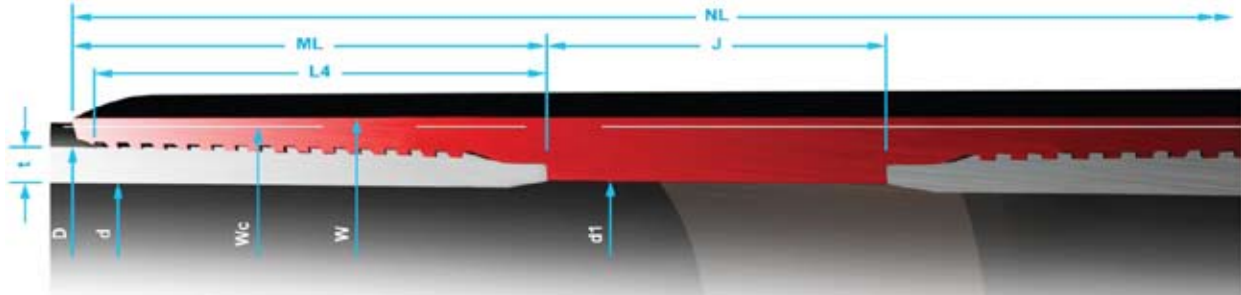


SIZE: **6 5/8"**

NOMINAL WEIGHT: **24.00 lb/ft**

WALL THICKNESS: **0.352"**

THREADS PER INCH: **5**



<b>PIPE BODY</b>	<b>OUTSIDE DIA. (in)</b>	D	6.625	<b>INSIDE DIA. (in)</b>	d	5.921	<b>DRIFT DIA. (in)</b>	5.796	<b>PLAIN END WT (lb/ft)</b>			23.58
	<b>GRADE</b>					<b>N80</b>	<b>L80</b>	<b>C90</b>	<b>C95</b>	<b>P110</b>	<b>Q125</b>	<b>150</b>
	<b>COLLAPSE RESISTANCE (psi)</b>					5760	5760	6140	6310	6730	7020	7340
	<b>INTERNAL YIELD PRESSURE (psi)</b>					7440	7440	8370	8830	10230	11620	13950
	<b>BODY YIELD STRENGTH (kips)</b>					555	555	624	659	763	867	1041
	<b>ULTIMATE STRENGTH (kips)</b>					694	659	694	728	867	936	1110
	<b>NOMINAL CROSS-SECTIONAL AREA (sq-in)</b>					6.937	6.937	6.937	6.937	6.937	6.937	6.937

<b>MAKE UP</b>	<b>RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0</b>											
	<b>REGULAR</b>		<b>MINIMUM (ft.lb)</b>			6400	6400	6740	6920	7440	7960	8840
			<b>OPTIMUM (ft.lb)</b>			7110	7110	7490	7690	8270	8850	9820
			<b>MAXIMUM (ft.lb)</b>			7820	7820	8240	8460	9100	9740	10800
			<b>BODY YIELD TORQUE (ft.lb)</b>			79550	79550	89490	94460	109380	124290	149150
	<b>SPECIAL CLEARANCE</b>		<b>MINIMUM (ft.lb)</b>			5760	5760	6070	6230	6700	7160	7950
			<b>OPTIMUM (ft.lb)</b>			6400	6400	6740	6920	7440	7960	8830
			<b>MAXIMUM (ft.lb)</b>			7040	7040	7410	7610	8180	8760	9710

<b>CONNECTION</b>	<b>COLLAPSE RESISTANCE (psi)</b>					5760	5760	6140	6310	6730	7020	7340
	<b>COMPRESSION RESISTANCE (%)</b>					100	100	100	100	100	100	100
	<b>TENSILE EFFICIENCY (%)</b>					100	100	100	100	100	100	100
	<b>INTERNAL YIELD PRESSURE (psi)</b>					7440	7440	8370	8830	10230	11620	13950
	<b>MAXIMUM BENDING ANGLE (° PER 100ft)</b>					62	62	70	74	85	97	116
	<b>BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)</b>					7.075	7.075	7.075	7.075	7.075	7.075	7.075
	<b>MAXIMUM LOAD OF REG. COUPLING FACE (kips)</b>					358	358	402	425	492	559	671
	<b>MAXIMUM LOAD OF S.C. COUPLING FACE (kips)</b>					181	181	204	215	249	284	340
						<b>PARTING LOAD (kips)</b>						
	<b>REGULAR COUPLING O.D.</b>					615	592	633	665	786	860	1023
	<b>SPECIAL CLEARANCE COUPLING O.D.</b>					462	439	462	485	577	623	739
					<b>OUTSIDE DIA. (in)</b>	<b>INSIDE DIA. (d1) (in)</b>	<b>WEIGHT (lb)</b>	<b>JOINT EFFICIENCY (%)</b>	<b>30' JOINT MUD DISPLACEMENT (in³)</b>			
	<b>REGULAR COUPLING</b>				<b>W</b>	7.219	6.021	21.74	102	2556		
	<b>SPECIAL CLEARANCE COUPLING</b>				<b>Wc</b>	7.021	6.021	15.80	70	2535		
<b>LENGTH OF COUPLING (in)</b>				<b>NL</b>	9.460	The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information						
<b>MAKE UP LOSS (in)</b>				<b>ML</b>	3.730							