

# TECHNICAL INFORMATION - HSC HICOM

# CASING

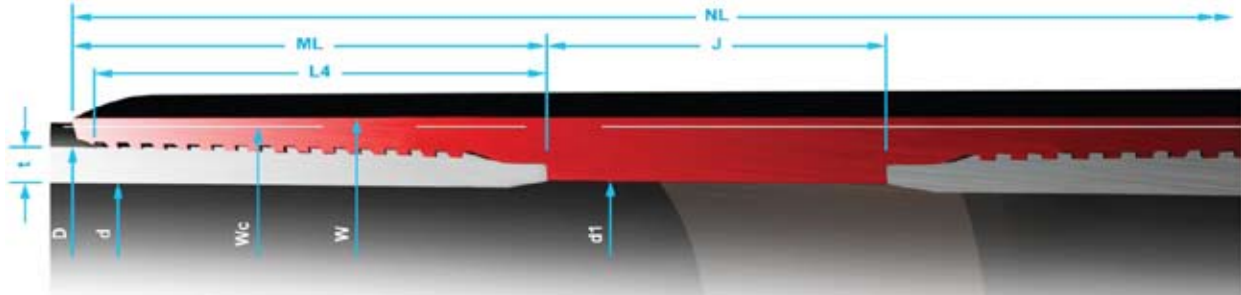


SIZE: **6 5/8"**

NOMINAL WEIGHT: **28.00 lb/ft**

WALL THICKNESS: **0.417"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	6.625	INSIDE DIA. (in)	d	5.791	DRIFT DIA. (in)		5.666	PLAIN END WT (lb/ft)		27.65
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					8170	8170	8880	9220	10160	10990	12120
	INTERNAL YIELD PRESSURE (psi)					8810	8810	9910	10460	12120	13770	16520
	BODY YIELD STRENGTH (kips)					651	651	732	773	895	1017	1220
	ULTIMATE STRENGTH (kips)					813	773	813	854	1017	1098	1301
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					8.133	8.133	8.133	8.133	8.133	8.133	8.133

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		8320	8320	8740	8950	9580	10200	11240	
			OPTIMUM (ft.lb)		9240	9240	9710	9940	10640	11330	12490	
			MAXIMUM (ft.lb)		10160	10160	10680	10930	11700	12460	13740	
			BODY YIELD TORQUE (ft.lb)		91460	91460	102890	108610	125760	142910	171490	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		7490	7490	7870	8060	8610	9180	10120	
			OPTIMUM (ft.lb)		8320	8320	8740	8950	9570	10200	11240	
			MAXIMUM (ft.lb)		9150	9150	9610	9850	10530	11220	12360	

CONNECTION	COLLAPSE RESISTANCE (psi)					8170	8170	8880	9220	10160	10990	12120	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					8810	8810	9910	10460	12120	13770	16520	
	MAXIMUM BENDING ANGLE (° PER 100ft)					63	63	71	75	87	99	119	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					8.297	8.297	8.297	8.297	8.297	8.297	8.297	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					455	455	512	540	625	711	853	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					248	248	279	294	340	387	464	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					721	693	742	780	922	1008	1199	
	SPECIAL CLEARANCE COUPLING O.D.					541	514	541	568	676	730	865	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	7.326	5.891	25.73	102		2998		
	SPECIAL CLEARANCE COUPLING				Wc	7.096	5.891	18.75	70		2974		
LENGTH OF COUPLING (in)				NL	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							
MAKE UP LOSS (in)				ML	3.730								

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