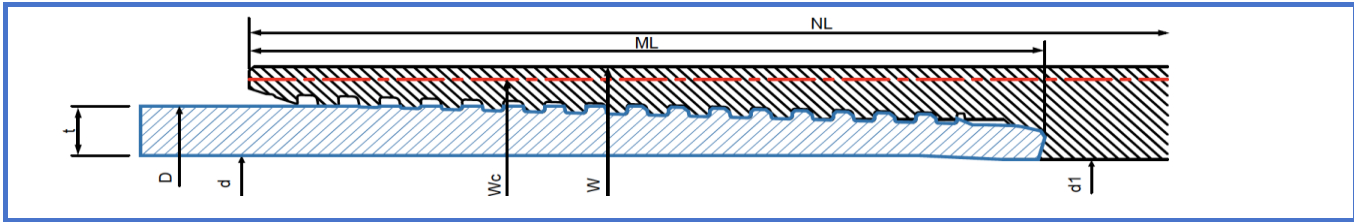


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	11 3/4"
WEIGHT:	60.00 lb/ft
WALL THICKNESS:	0.489"
DRIFT (API):	10.616"
THREADS/INCH (TPI) :	4



OUTSIDE DIA. (in):	11.750	INSIDE DIA. (in):	10.772	Plain End Weight:	58.87 lb/ft	Min. Wall Thickness:	87.5%
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MATERIAL YIELD STRENGTH (ksi)		80	90	95	110	125	140
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	90	95	110	125	140
	MAXIMUM YIELD STRENGTH (ksi)	95	105	110	140	150	165
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	105	125	135	150
	PIPE BODY YIELD STRENGTH (klb)	1384	1557	1644	1903	2163	2422
	INTERNAL YIELD PRESSURE (psi)	5830	6550	6920	8010	9100	10200
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	17.300	17.300	17.300	17.300	17.300	17.300
	COLLAPSE PRESSURE (psi)	3180	3360	3440	3610	3680	4710

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	12.558	12.558	12.558	12.558	12.558	12.558	
	NOMINAL CONNECTION ID (in)	10.970	10.970	10.970	10.970	10.970	10.970	
	MAKE-UP LOSS (in)	5.712	5.712	5.712	5.712	5.712	5.712	
	COUPLING LENGTH (in)	13.430	13.430	13.430	13.430	13.430	13.430	
	EFFICIENCY							
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	
	COMPRESSION EFFICIENCY (% pipe body)	60	60	60	60	60	60	
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	
	MAXIMUM LOAD COUPLING FACE (klb)	808	909	959	1111	1262	1413	

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	1384	1557	1644	1903	2163	2422
		COMPRESSION (klb)	830	934	986	1142	1298	1453
	RESISTANCE	INTERNAL PRESSURE (psi)	5830	6550	6920	8010	9100	10200
		EXTERNAL PRESSURE (psi)	3180	3360	3440	3610	3680	4710
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	25	28	30	34	39	44

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
MAKE UP	REGULAR	MINIMUM (ft.lb)	19600	20850	20850	20850	20850	20850
		OPTIMUM (ft.lb)	21700	23150	23150	23150	23150	23150
		MAXIMUM (ft.lb)	23800	25450	25450	25450	25450	25450
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	1090	1160	1160	1160	1160	1160
		MAXIMUM (ft.lb)	15190	16200	16200	16200	16200	16200
	DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010	0.010
MAXIMUM		0.100	0.100	0.100	0.100	0.100	0.100	

The above information is for reference only, and is subject to change or modification without notice. Please contact HSC for the latest information.