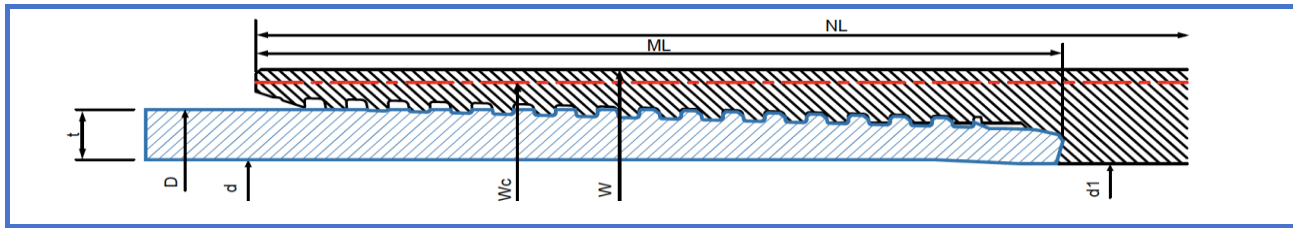


# TECHNICAL INFORMATION

# HSC MAX



SIZE:	16"
WEIGHT:	84.00 lb/ft
WALL THICKNESS:	0.495"
DRIFT (API):	14.823"
THREADS/INCH (TPI) :	4



OUTSIDE DIA. (in):	16.000	INSIDE DIA. (in):	15.010.	Plain End Weight:	82.05 lb/ft	Min. Wall Thickness:	87.5%
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		MATERIAL YIELD STRENGTH (ksi)	80	90	95	110	125
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	90	95	110	125	
	MAXIMUM YIELD STRENGTH (ksi)	95	105	110	140	150	
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	105	125	135	
	PIPE BODY YIELD STRENGTH (klb)	1929	2170	2291	2652	3014	
	INTERNAL YIELD PRESSURE (psi)	4330	4870	5140	5960	6770	
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	24.112	24.112	24.112	24.112	24.112	
	COLLAPSE PRESSURE (psi)	1480	1480	1480	1480	1480	

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	16.863	16.863	16.863	16.863	16.863
	NOMINAL CONNECTION ID (in)	15.233	15.233	15.233	15.233	15.233
	MAKE-UP LOSS (in)	5.252	5.252	5.252	5.252	5.252
	COUPLING LENGTH (in)	12.520	12.520	12.520	12.520	12.520
	EFFICIENCY					
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)	60	60	60	60	60
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)	1181	1329	1403	1624	1846

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	1929	2170	2291	2652	3014
		COMPRESSION (klb)	1157	1302	1374	1591	1808
	RESISTANCE	INTERNAL PRESSURE (psi)	4330	4870	5140	5960	6770
		EXTERNAL PRESSURE (psi)	1480	1480	1480	1480	1480
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	18	21	22	25	29

		RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0					
MAKE UP	REGULAR	MINIMUM (ft.lb)	30000	30000	30000	30000	30000
		OPTIMUM (ft.lb)	33300	33300	33300	33300	33300
		MAXIMUM (ft.lb)	36600	36600	36600	36600	36600
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	1670	1670	1670	1670	1670
		MAXIMUM (ft.lb)	23310	23310	23310	23310	23310
	DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010
MAXIMUM		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.