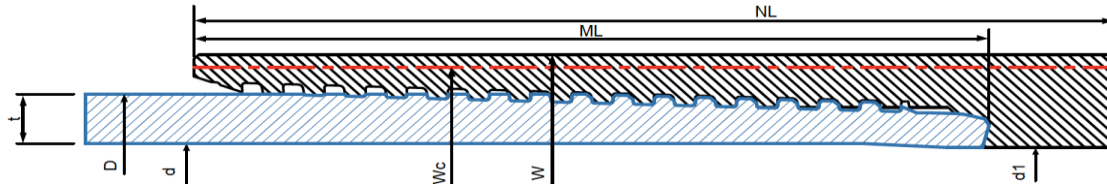


# TECHNICAL INFORMATION

# HSC MAX



|                      |            |
|----------------------|------------|
| SIZE:                | 2 7/8"     |
| WEIGHT:              | 9.35 lb/ft |
| WALL THICKNESS:      | 0.340"     |
| DRIFT (API):         | 2.101"     |
| THREADS/INCH (TPI) : | 8          |



OUTSIDE DIA. (in): 2.875    INSIDE DIA. (in): 2.195    Plain End Weight: 9.21 lb/ft    Min. Wall Thickness: 87.5%

| 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)          | 217   | 244   | 257   | 298   | 339   |
|                               | INTERNAL YIELD PRESSURE (psi)           | 16560 | 18630 | 19660 | 22770 | 25870 |
|                               | NOMINAL CROSS -SECTIONAL AREA (sq-in)   | 2.708 | 2.708 | 2.708 | 2.708 | 2.708 |
|                               | COLLAPSE PRESSURE (psi)                 | 16680 | 18770 | 19810 | 22940 | 26070 |

| PREMIUM THREADED & COUPLED CONNECTION |                                      | 80    | 90    | 95    | 110   | 125   |
|---------------------------------------|--------------------------------------|-------|-------|-------|-------|-------|
| CONNECTION                            | NOMINAL CONNECTION OD (in)           | 3.364 | 3.364 | 3.364 | 3.364 | 3.364 |
|                                       | NOMINAL CONNECTION ID (in)           | 2.169 | 2.169 | 2.169 | 2.169 | 2.169 |
|                                       | MAKE-UP LOSS (in)                    | 3.179 | 3.179 | 3.179 | 3.179 | 3.179 |
|                                       | COUPLING LENGTH (in)                 | 7.360 | 7.360 | 7.360 | 7.360 | 7.360 |
|                                       | EFFICIENCY                           |       |       |       |       |       |
|                                       | TENSION EFFICIENCY (% pipe body)     | 100   | 100   | 100   | 100   | 100   |
|                                       | COMPRESSION EFFICIENCY (% pipe body) | 100   | 100   | 100   | 100   | 100   |
|                                       | INTERNAL PRESSURE (% pipe body)      | 100   | 100   | 100   | 100   | 100   |
|                                       | EXTERNAL PRESSURE (% pipe body)      | 100   | 100   | 100   | 100   | 100   |
|                                       | MAXIMUM LOAD COUPLING FACE (klb)     | 124   | 139   | 147   | 170   | 194   |

| JOINT PERFORMANCE | STRENGTH        | TENSION WITH SEALABILITY (klb)     | 217   | 244   | 257   | 298   | 339   |
|-------------------|-----------------|------------------------------------|-------|-------|-------|-------|-------|
|                   |                 | COMPRESSION WITH SEALABILITY (klb) | 217   | 244   | 257   | 298   | 339   |
|                   | RESISTANCE      | INTERNAL PRESSURE (psi)            | 16560 | 18630 | 19660 | 22770 | 25870 |
|                   |                 | EXTERNAL PRESSURE (psi)            | 16680 | 18770 | 19810 | 22940 | 26070 |
|                   | MAXIMUM BENDING | STRUCTURAL (degree/100ft)          | 128   | 143   | 151   | 175   | 199   |
|                   |                 | WITH SEALABILITY(degree/100ft)     | 30    | 30    | 30    | 30    | 30    |

| RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 |                 | 80              | 90    | 95    | 110   | 125   |      |
|---|-----------------|-----------------|-------|-------|-------|-------|------|
| MAKE UP   | REGULAR         | MINIMUM (ft.lb) | 3150  | 3520  | 3520  | 3740  | 3960 |
|   |                 | OPTIMUM (ft.lb) | 3490  | 3910  | 3910  | 4150  | 4390 |
|   |                 | MAXIMUM (ft.lb) | 3830  | 4300  | 4300  | 4560  | 4820 |
| SHOULDERING TORQUE (ft-lb)  | MINIMUM (ft.lb) | 180             | 200   | 200   | 210   | 220   |      |
|   | MAXIMUM (ft.lb) | 2440            | 2730  | 2730  | 2900  | 3070  |      |
| 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 |      |