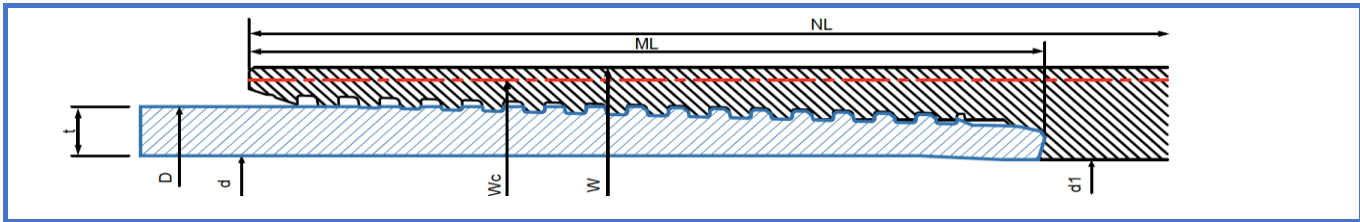


# TECHNICAL INFORMATION

# HSC MAX



|                      |             |
|----------------------|-------------|
| SIZE:                | 9 5/8"      |
| WEIGHT:              | 40.00 lb/ft |
| WALL THICKNESS:      | 0.395"      |
| DRIFT (API):         | 8.750"      |
| THREADS/INCH (TPI) : | 4           |



|                    |       |                   |       |                   |             |                      |       |
|--------------------|-------|-------------------|-------|-------------------|-------------|----------------------|-------|
| OUTSIDE DIA. (in): | 9.625 | INSIDE DIA. (in): | 8.835 | Plain End Weight: | 38.97 lb/ft | Min. Wall Thickness: | 87.5% |
|--------------------|-------|-------------------|-------|-------------------|-------------|----------------------|-------|

|           |   | 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)          |                               | 916    | 1031   | 1088   | 1260   | 1432   | 1604   |
|           | INTERNAL YIELD PRESSURE (psi)           |                               | 5750   | 6460   | 6820   | 7900   | 8980   | 10050  |
|           | NOMINAL CROSS -SECTIONAL AREA (sq-in)   |                               | 11.454 | 11.454 | 11.454 | 11.454 | 11.454 | 11.454 |
|           | COLLAPSE PRESSURE (psi)                 |                               | 3090   | 3260   | 3330   | 3470   | 3530   | 4300   |

|            |                                      | PREMIUM THREADED & COUPLED CONNECTION |        |        |        |        |        |        |
|------------|--------------------------------------|---------------------------------------|--------|--------|--------|--------|--------|--------|
| CONNECTION | NOMINAL CONNECTION OD (in)           |                                       | 10.264 | 10.264 | 10.264 | 10.264 | 10.264 | 10.264 |
|            | NOMINAL CONNECTION ID (in)           |                                       | 8.998  | 8.998  | 8.998  | 8.998  | 8.998  | 8.998  |
|            | MAKE-UP LOSS (in)                    |                                       | 5.589  | 5.589  | 5.589  | 5.589  | 5.589  | 5.589  |
|            | COUPLING LENGTH (in)                 |                                       | 13.190 | 13.190 | 13.190 | 13.190 | 13.190 | 13.190 |
|            | 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)     |                                       | 493    | 554    | 585    | 677    | 770    | 862    |

| JOINT PERFORMANCE | STRENGTH        | TENSION (klb)             | 916  | 1031 | 1088 | 1260 | 1432 | 1604  |
|-------------------|-----------------|---------------------------|------|------|------|------|------|-------|
|                   |                 | COMPRESSION (klb)         | 550  | 619  | 653  | 756  | 859  | 962   |
|                   | RESISTANCE      | INTERNAL PRESSURE (psi)   | 5750 | 6460 | 6820 | 7900 | 8980 | 10050 |
|                   |                 | EXTERNAL PRESSURE (psi)   | 3090 | 3260 | 3330 | 3470 | 3530 | 4300  |
|                   | MAXIMUM BENDING | STRUCTURAL (degree/100ft) | 30   | 34   | 36   | 42   | 48   | 53    |

|                            |                 | RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 |       |       |       |       |       |       |
|----------------------------|-----------------|---|-------|-------|-------|-------|-------|-------|
| MAKE UP                    | REGULAR         | MINIMUM (ft.lb)   | 8460  | 9150  | 9150  | 10450 | 11100 | 11700 |
|                            |                 | OPTIMUM (ft.lb)   | 9400  | 10150 | 10150 | 11550 | 12300 | 13000 |
|                            |                 | MAXIMUM (ft.lb)   | 10340 | 11150 | 11150 | 12650 | 13500 | 14300 |
| SHOULDERING TORQUE (ft-lb) | MINIMUM (ft.lb) | 470   | 510   | 510   | 580   | 620   | 650   |       |
|                            | MAXIMUM (ft.lb) | 6580  | 7100  | 7100  | 8080  | 8610  | 9100  |       |
| 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.