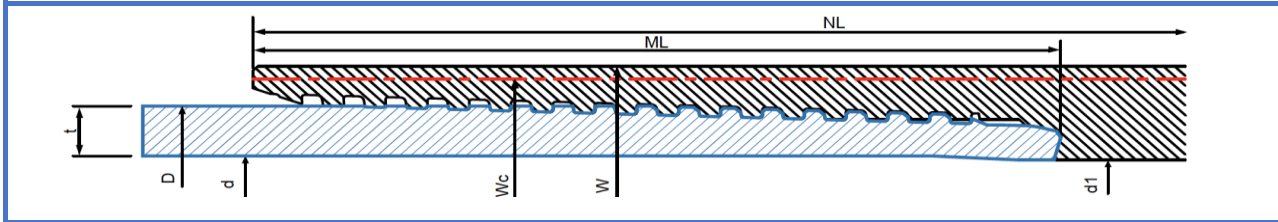


TECHNICAL INFORMATION

HSC MAX



| | |
|----------------------|-------------|
| SIZE: | 5 3/4" |
| WEIGHT: | 18.10 lb/ft |
| WALL THICKNESS: | 0.304" |
| DRIFT (API): | 5.017" |
| THREADS/INCH (TPI) : | 5 |



| | | | | | | | |
|--------------------|-------|-------------------|-------|-------------------|-------------|----------------------|-------|
| OUTSIDE DIA. (in): | 5.750 | INSIDE DIA. (in): | 5.142 | Plain End Weight: | 17.70 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) | 416 | 468 | 494 | 572 | 650 | |
| | INTERNAL YIELD PRESSURE (psi) | 7400 | 8330 | 8790 | 10180 | 11570 | |
| | NOMINAL CROSS -SECTIONAL AREA (sq-in) | 5.201 | 5.201 | 5.201 | 5.201 | 5.201 | |
| | COLLAPSE PRESSURE (psi) | 5700 | 6070 | 6230 | 6640 | 6920 | |

| | | PREMIUM THREADED & COUPLED CONNECTION | | | | |
|------------|--------------------------------------|---------------------------------------|-------|-------|-------|-------|
| CONNECTION | NOMINAL CONNECTION OD (in) | 6.264 | 6.264 | 6.264 | 6.264 | 6.264 |
| | NOMINAL CONNECTION ID (in) | 5.173 | 5.173 | 5.173 | 5.173 | 5.173 |
| | MAKE-UP LOSS (in) | 3.772 | 3.772 | 3.772 | 3.772 | 3.772 |
| | COUPLING LENGTH (in) | 9.530 | 9.530 | 9.530 | 9.530 | 9.530 |
| | 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) | 223 | 250 | 264 | 306 | 348 |

| JOINT PERFORMANCE | STRENGTH | TENSION (klb) | 416 | 468 | 494 | 572 | 650 |
|-------------------|-----------------|---------------------------|------|------|------|-------|-------|
| | | COMPRESSION (klb) | 250 | 281 | 296 | 343 | 390 |
| | RESISTANCE | INTERNAL PRESSURE (psi) | 7400 | 8330 | 8790 | 10180 | 11570 |
| | | EXTERNAL PRESSURE (psi) | 5700 | 6070 | 6230 | 6640 | 6920 |
| | MAXIMUM BENDING | STRUCTURAL (degree/100ft) | 51 | 57 | 61 | 70 | 80 |

| | | RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 | | | | | |
|---------|----------------------------|---|-------|-------|-------|-------|-------|
| MAKE UP | REGULAR | MINIMUM (ft.lb) | 6250 | 7170 | 7170 | 7830 | 8460 |
| | | OPTIMUM (ft.lb) | 6940 | 7960 | 7960 | 8700 | 9400 |
| | | MAXIMUM (ft.lb) | 7630 | 8750 | 8750 | 9570 | 10340 |
| | SHOULDERING TORQUE (ft-lb) | MINIMUM (ft.lb) | 350 | 400 | 400 | 440 | 470 |
| | | MAXIMUM (ft.lb) | 4850 | 5570 | 5570 | 6090 | 6580 |
| | 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.