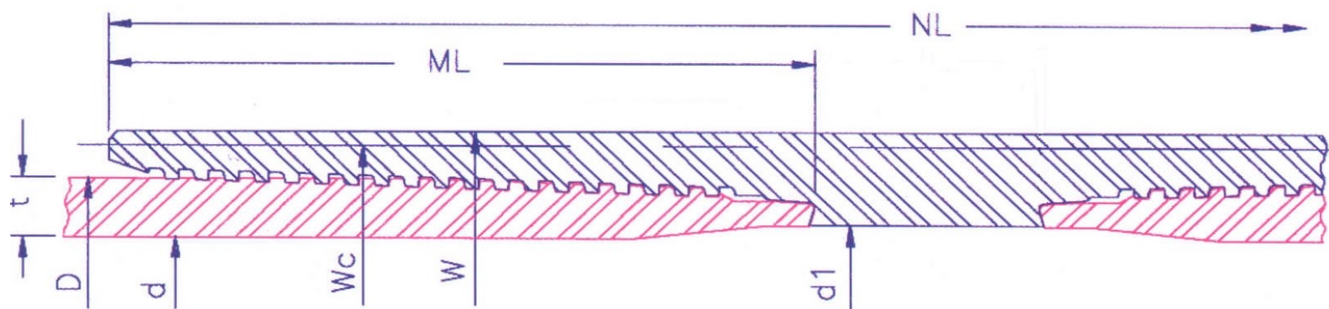




**SIZE:** 7 5/8" (193.68mm)

**WALL THICKNESS:** 0.625" (15.88mm)

THREADS PER INCH: 5



|                        |                                                                                          |    |         |                      |                                                                                                                                                                        |                     |        |                |                 |                            |        |                                        |        |        |        |
|------------------------|------------------------------------------------------------------------------------------|----|---------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------|----------------|-----------------|----------------------------|--------|----------------------------------------|--------|--------|--------|
| PIPE<br>BODY           | OUTSIDE DIA. (in)                                                                        |    | D       | 7.625                | INSIDE DIA. (in)                                                                                                                                                       |                     | d      | 6.375          | DRIFT DIA. (in) |                            | 6.25   | PLAIN END WT (lb/ft)                   |        |        | 46.72  |
|                        | GRADE                                                                                    |    |         |                      | 55                                                                                                                                                                     | N80                 | 80     | 90             | 95              | C110                       | 110    | C125                                   | 125    | 140    | 150    |
|                        | COLLAPSE RESISTANCE (psi)                                                                |    |         |                      | 8280                                                                                                                                                                   | 12040               | 12040  | 13540          | 14300           | 16550                      | 16550  | 18700                                  | 18700  | 20500  | 21650  |
|                        | INTERNAL YIELD PRESSURE (psi)                                                            |    |         |                      | 7890                                                                                                                                                                   | 11480               | 11480  | 12910          | 13630           | 15780                      | 15780  | 17930                                  | 17930  | 20080  | 21520  |
|                        | BODY YIELD STRENGTH (kips)                                                               |    |         |                      | 756                                                                                                                                                                    | 1100                | 1100   | 1237           | 1306            | 1512                       | 1512   | 1718                                   | 1718   | 1924   | 2062   |
|                        | ULTIMATE STRENGTH (kips)                                                                 |    |         |                      | 1306                                                                                                                                                                   | 1374                | 1306   | 1374           | 1443            | 1581                       | 1718   | 1787                                   | 1856   | 2062   | 2199   |
|                        | YIELD TORQUE (ft.lb)                                                                     |    |         |                      | 117790                                                                                                                                                                 | 171340              | 171340 | 192750         | 203460          | 235590                     | 235590 | 267710                                 | 267710 | 299840 | 321260 |
| MAKE<br>UP             | RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 |    |         |                      |                                                                                                                                                                        |                     |        |                |                 |                            |        |                                        |        |        |        |
|                        | REGULAR (ft.lb)                                                                          |    | MINIMUM |                      | 11450                                                                                                                                                                  | 12700               | 12700  | 13700          | 13700           | 14400                      | 14400  | 14400                                  | 14400  | 14400  | 14400  |
|                        |                                                                                          |    | OPTIMUM |                      | 12650                                                                                                                                                                  | 14100               | 14100  | 15200          | 15200           | 15900                      | 15900  | 15900                                  | 15900  | 15900  | 15900  |
|                        |                                                                                          |    | MAXIMUM |                      | 13850                                                                                                                                                                  | 15500               | 15500  | 13540          | 13540           | 17400                      | 17400  | 17400                                  | 17400  | 17400  | 17400  |
|                        | SPECIAL<br>CLEARANCE<br>(ft.lb)                                                          |    | MINIMUM |                      | 11450                                                                                                                                                                  | 12700               | 12700  | 13700          | 13700           | 14400                      | 14400  | 14400                                  | 14400  | 14400  | 14400  |
|                        |                                                                                          |    | OPTIMUM |                      | 12650                                                                                                                                                                  | 14100               | 14100  | 15200          | 15200           | 15900                      | 15900  | 15900                                  | 15900  | 15900  | 15900  |
|                        |                                                                                          |    | MAXIMUM |                      | 13850                                                                                                                                                                  | 15500               | 15500  | 13540          | 13540           | 17400                      | 17400  | 17400                                  | 17400  | 17400  | 17400  |
| CON<br>NE<br>CT<br>ION | COLLAPSE RESISTANCE (psi)                                                                |    |         | 8280                 | 12040                                                                                                                                                                  | 12040               | 13540  | 14300          | 16550           | 16550                      | 18700  | 18700                                  | 20500  | 21650  |        |
|                        | INTERNAL YIELD PRESSURE (psi)                                                            |    |         | 7890                 | 11480                                                                                                                                                                  | 11480               | 12910  | 13630          | 15780           | 15780                      | 17930  | 17930                                  | 20080  | 21520  |        |
|                        | MAXIMUM LOAD<br>OF COUPLING<br>FACE (kips)                                               |    | REGULAR |                      | 493                                                                                                                                                                    | 717                 | 717    | 807            | 852             | 986                        | 986    | 1121                                   | 1121   | 1255   | 1345   |
|                        |                                                                                          |    | S.C.    |                      | 215                                                                                                                                                                    | 313                 | 313    | 352            | 372             | 431                        | 431    | 489                                    | 489    | 548    | 587    |
|                        |                                                                                          |    |         | PARTING LOAD (kips)  |                                                                                                                                                                        |                     |        |                |                 |                            |        |                                        |        |        |        |
|                        | REGULAR COUPLING                                                                         |    |         | 1062                 | 1205                                                                                                                                                                   | 1160                | 1230   | 1292           | 1415            | 1538                       | 1600   | 1661                                   | 1846   | 1969   |        |
|                        | S.C. COUPLING                                                                            |    |         | 713                  | 750                                                                                                                                                                    | 713                 | 750    | 788            | 863             | 938                        | 976    | 1013                                   | 1126   | 1201   |        |
|                        |                                                                                          |    |         | OUTSIDE DIA.<br>(in) |                                                                                                                                                                        | INSIDE DIA.<br>(in) |        | WEIGHT<br>(lb) |                 | JOINT<br>EFFICIENCY<br>(%) |        | 30' JOINT MUD<br>DISPLACEMENT<br>(in³) |        |        |        |
|                        | COUPLING OUTSIDE<br>DIAMETER                                                             |    | W       | 8.528                |                                                                                                                                                                        | 6.939               |        | 47.77          |                 | 94                         |        | 5056                                   |        |        |        |
|                        |                                                                                          |    | Wc      | 8.142                |                                                                                                                                                                        | 6.939               |        | 29.60          |                 | 57                         |        | 4991                                   |        |        |        |
| COUPLING LENGTH (in)   |                                                                                          | NL | 12.695  |                      | The above information is for reference only.<br>The information is subject to change or modification without notice.<br>Please contact HSC for the latest information. |                     |        |                |                 |                            |        |                                        |        |        |        |
| MAKE UP LOSS (in)      |                                                                                          | ML | 5.406   |                      |                                                                                                                                                                        |                     |        |                |                 |                            |        |                                        |        |        |        |