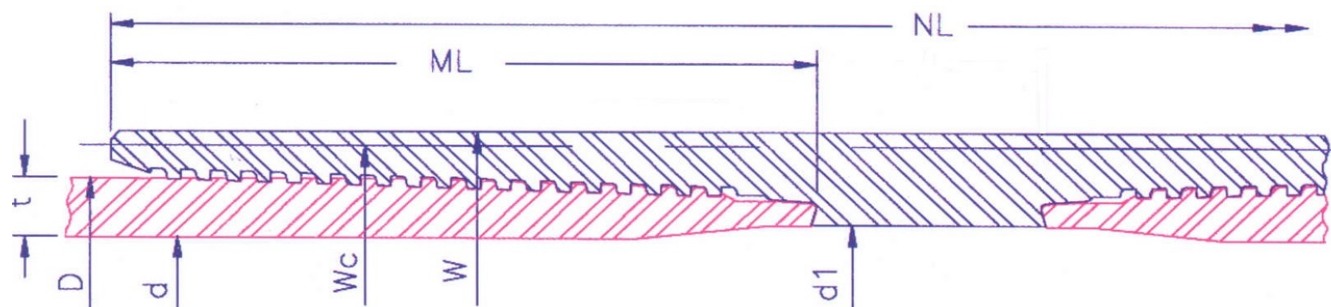




**SIZE:** 5" (127mm)

**WALL THICKNESS:** 0.408" (10.36mm)

THREADS PER INCH: 5



|                      |                                                                                          |         |                      |                  |                                                                                                                                                                        |       |                 |       |                            |                      |                                        |       |       |       |
|----------------------|------------------------------------------------------------------------------------------|---------|----------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------|-------|----------------------------|----------------------|----------------------------------------|-------|-------|-------|
| PIPE<br>BODY         | OUTSIDE DIA. (in)                                                                        | D       | 5                    | INSIDE DIA. (in) | d                                                                                                                                                                      | 4.184 | DRIFT DIA. (in) |       | 4.059                      | PLAIN END WT (lb/ft) |                                        |       |       | 20.01 |
|                      | GRADE                                                                                    |         |                      | 55               | N80                                                                                                                                                                    | 80    | 90              | 95    | C110                       | 110                  | C125                                   | 125   | 140   | 150   |
|                      | COLLAPSE RESISTANCE (psi)                                                                |         |                      | 8240             | 11990                                                                                                                                                                  | 11990 | 13490           | 14240 | 16490                      | 16490                | 18550                                  | 18550 | 20330 | 21460 |
|                      | INTERNAL YIELD PRESSURE (psi)                                                            |         |                      | 7850             | 11420                                                                                                                                                                  | 11420 | 12850           | 13570 | 15710                      | 15710                | 17850                                  | 17850 | 19990 | 21420 |
|                      | BODY YIELD STRENGTH (kips)                                                               |         |                      | 324              | 471                                                                                                                                                                    | 471   | 530             | 559   | 647                        | 647                  | 736                                    | 736   | 824   | 883   |
|                      | ULTIMATE STRENGTH (kips)                                                                 |         |                      | 559              | 589                                                                                                                                                                    | 559   | 589             | 618   | 677                        | 736                  | 765                                    | 795   | 883   | 942   |
|                      | YIELD TORQUE (ft.lb)                                                                     |         |                      | 33100            | 48150                                                                                                                                                                  | 48150 | 54170           | 57180 | 66200                      | 66200                | 75230                                  | 75230 | 84260 | 90280 |
| MAKE<br>UP           | RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0 |         |                      |                  |                                                                                                                                                                        |       |                 |       |                            |                      |                                        |       |       |       |
|                      | REGULAR (ft.lb)                                                                          | MINIMUM | 6190                 | 6840             | 6840                                                                                                                                                                   | 7170  | 7170            | 7470  | 7470                       | 7830                 | 7830                                   | 8150  | 8390  |       |
|                      |                                                                                          | OPTIMUM | 6870                 | 7590             | 7590                                                                                                                                                                   | 7960  | 7960            | 8300  | 8300                       | 8700                 | 8700                                   | 9050  | 9310  |       |
|                      |                                                                                          | MAXIMUM | 7550                 | 8340             | 8340                                                                                                                                                                   | 8750  | 8750            | 9130  | 9130                       | 9570                 | 9570                                   | 9950  | 10230 |       |
|                      | SPECIAL<br>CLEARANCE<br>(ft.lb)                                                          | MINIMUM | 6190                 | 6840             | 6840                                                                                                                                                                   | 7170  | 7170            | 7470  | 7470                       | 7830                 | 7830                                   | 8150  | 8390  |       |
|                      |                                                                                          | OPTIMUM | 6870                 | 7590             | 7590                                                                                                                                                                   | 7960  | 7960            | 8300  | 8300                       | 8700                 | 8700                                   | 9050  | 9310  |       |
|                      |                                                                                          | MAXIMUM | 7550                 | 8340             | 8340                                                                                                                                                                   | 8750  | 8750            | 9130  | 9130                       | 9570                 | 9570                                   | 9950  | 10230 |       |
| CONNECTION           | COLLAPSE RESISTANCE (psi)                                                                |         | 8240                 | 11990            | 11990                                                                                                                                                                  | 13490 | 14240           | 16490 | 16490                      | 18550                | 18550                                  | 20330 | 21460 |       |
|                      | INTERNAL YIELD PRESSURE (psi)                                                            |         | 7850                 | 11420            | 11420                                                                                                                                                                  | 12850 | 13570           | 15710 | 15710                      | 17850                | 17850                                  | 19990 | 21420 |       |
|                      | MAXIMUM LOAD<br>OF COUPLING<br>FACE (kips)                                               | REGULAR | 179                  | 260              | 260                                                                                                                                                                    | 293   | 309             | 358   | 358                        | 407                  | 407                                    | 456   | 488   |       |
|                      |                                                                                          | S.C.    | 86                   | 125              | 125                                                                                                                                                                    | 141   | 149             | 172   | 172                        | 195                  | 195                                    | 219   | 235   |       |
|                      |                                                                                          |         | PARTING LOAD (kips)  |                  |                                                                                                                                                                        |       |                 |       |                            |                      |                                        |       |       |       |
|                      | REGULAR COUPLING                                                                         |         | 482                  | 524              | 497                                                                                                                                                                    | 524   | 550             | 602   | 654                        | 681                  | 707                                    | 785   | 838   |       |
|                      | S.C. COUPLING                                                                            |         | 345                  | 363              | 345                                                                                                                                                                    | 363   | 381             | 417   | 454                        | 472                  | 490                                    | 545   | 581   |       |
|                      |                                                                                          |         |                      |                  |                                                                                                                                                                        |       |                 |       |                            |                      |                                        |       |       |       |
|                      |                                                                                          |         | 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                    | 5.586            |                                                                                                                                                                        | 4.313 |                 | 19.30 |                            | 94                   |                                        | 2168  |       |       |
| Wc                   |                                                                                          |         | 5.390                |                  | 4.313                                                                                                                                                                  |       | 13.86           |       | 65                         |                      | 2149                                   |       |       |       |
| COUPLING LENGTH (in) |                                                                                          | NL      | 11.357               |                  | 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      | 4.724                |                  |                                                                                                                                                                        |       |                 |       |                            |                      |                                        |       |       |       |