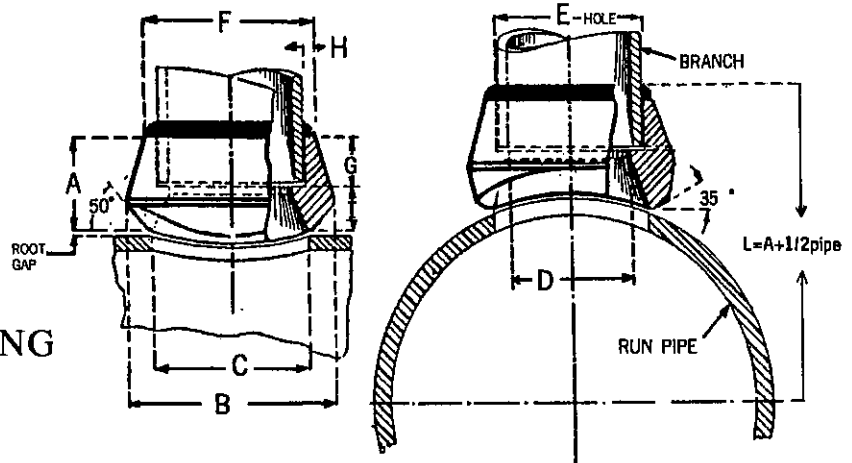




# SOCKOLETS

REDUCING SIZES  
STANDARD WEIGHT  
EXTRA STRONG  
SCHEDULE 160  
DOUBLE EXTRA STRONG



Dimensions in Inches

| NOMINAL RUN PIPE SIZE                       | OUTLET SIZE | A       | B        | C        | D            | E      | F       | G       | H     | I       |
|---------------------------------------------|-------------|---------|----------|----------|--------------|--------|---------|---------|-------|---------|
| <b>STANDARD WEIGHT</b>                      |             |         |          |          |              |        |         |         |       |         |
| 3/8 to 36                                   | 1/8         | 11/16   | 1        | 5/8      | .269         | .420   | 7/8     | 3/8     | 7/32  | 9/32    |
| 3/8 to 36                                   | 1/4         | 11/16   | 1        | 5/8      | .364         | .555   | 7/8     | 3/8     | 5/32  | 9/32    |
| 1/2 to 36                                   | 3/8         | 13/16   | 1 1/4    | 3/4      | .493         | .690   | 1       | 3/8     | 5/32  | 7/16    |
| 3/4 to 36                                   | 1/2         | 1       | 1 3/8    | 15/16    | .622         | .855   | 1 1/4   | 7/16    | 13/64 | 9/16    |
| 1 to 36                                     | 3/4         | 1 1/16  | 1 3/4    | 1 3/16   | .824         | 1.065  | 1 7/16  | 1/2     | 3/16  | 9/16    |
| 1 1/4 to 36                                 | 1           | 1 5/16  | 2 1/8    | 1 7/16   | 1.049        | 1.330  | 1 13/16 | 17/32   | 1/4   | 25/32   |
| 1 1/2 to 36                                 | 1 1/4       | 1 5/16  | 2 9/16   | 1 3/4    | 1.380        | 1.675  | 2 3/16  | 19/32   | 1/4   | 3/4     |
| 2 to 36                                     | 1 1/2       | 1 3/8   | 2 7/8    | 2        | 1.610        | 1.915  | 2 7/16  | 5/8     | 15/64 | 3/4     |
| 2 1/2 to 36                                 | 2           | 1 1/2   | 3 1/2    | 2 9/16   | 2.067        | 2.406  | 2 15/16 | 11/16   | 17/64 | 13/16   |
| 3 to 36                                     | 2 1/2       | 1 13/16 | 4 1/16   | 3        | 2.469        | 2.906  | 3 7/16  | 15/16   | 19/64 | 7/8     |
| 3 1/2 to 36                                 | 3           | 2       | 4 13/16  | 3 11/16  | 3.068        | 3.535  | 4 1/8   | 1 1/8   | 19/64 | 7/8     |
| 4 to 36                                     | 3 1/2       | 2 1/8   | 5 1/4    | 4        | 3.548        | 4.040  | 4 13/16 | 1 1/8   | 19/64 | 1       |
| 5 to 36                                     | 4           | 2 1/4   | 6        | 4 3/4    | 4.026        | 4.545  | 5 1/8   | 1 5/32  | 19/64 | 1 3/32  |
| 6 to 36                                     | 5           | 2 5/8   | 7 5/16   | 6 1/8    | 5.047        | 5.619  | 6 5/16  | 1 9/32  | 11/32 | 1 11/32 |
| 8 to 36                                     | 6           | 2 11/16 | 8 5/8    | 7 1/4    | 6.065        | 6.691  | 7 3/8   | 1 9/32  | 11/32 | 1 13/32 |
| 10 to 36                                    | 8           | 2 3/4   | 10 3/8   | 8 11/16  | 7.981        | 8.691  | 9 1/2   | 1 11/16 | 13/32 | 1 1/16  |
| 12 to 36                                    | 10          | 3 1/16  | 12 11/16 | 10 13/16 | 10.020       | 10.816 | 11 3/4  | 2 5/32  | 15/32 | 29/32   |
| <b>EXTRA STRONG</b>                         |             |         |          |          |              |        |         |         |       |         |
| 3/8 to 36                                   | 1/8         | 11/16   | 1        | 5/8      | .215         | .420   | 7/8     | 3/8     | 7/32  | 5/16    |
| 3/8 to 36                                   | 1/4         | 11/16   | 1        | 5/8      | .302         | .555   | 7/8     | 3/8     | 5/32  | 11/32   |
| 1/2 to 36                                   | 3/8         | 13/16   | 1 1/4    | 3/4      | .423         | .690   | 1       | 3/8     | 5/32  | 7/16    |
| 3/4 to 36                                   | 1/2         | 1       | 1 3/8    | 15/16    | .546         | .855   | 1 1/4   | 35/64   | 13/64 | 29/64   |
| 1 to 36                                     | 3/4         | 1 1/16  | 1 5/8    | 1 3/16   | .742         | 1.065  | 1 7/16  | 9/16    | 3/16  | 1/2     |
| 1 1/4 to 36                                 | 1           | 1 5/16  | 2 1/8    | 1 7/16   | .957         | 1.330  | 1 13/16 | 5/8     | 1/4   | 11/16   |
| 1 1/2 to 36                                 | 1 1/4       | 1 5/16  | 2 9/16   | 1 3/4    | 1.278        | 1.675  | 2 3/16  | 23/32   | 1/4   | 5/8     |
| 2 to 36                                     | 1 1/2       | 1 3/8   | 2 7/8    | 2        | 1.500        | 1.915  | 2 3/8   | 3/4     | 15/64 | 5/8     |
| 2 1/2 to 36                                 | 2           | 1 1/2   | 3 1/2    | 2 9/16   | 1.939        | 2.406  | 2 15/16 | 25/32   | 17/64 | 23/32   |
| 3 to 36                                     | 2 1/2       | 1 1/2   | 4 1/16   | 3        | 2.323        | 2.906  | 3 5/8   | 11/16   | 11/32 | 13/16   |
| 3 1/2 to 36                                 | 3           | 1 5/8   | 4 13/16  | 3 11/16  | 2.900        | 3.535  | 4 5/16  | 11/16   | 3/8   | 15/16   |
| 5 to 36                                     | 4           | 1 25/32 | 6        | 4 3/4    | 3.826        | 4.545  | 7 7/16  | 11/16   | 7/16  | 1 3/32  |
| <b>SCHEDULE 160 AND DOUBLE EXTRA STRONG</b> |             |         |          |          |              |        |         |         |       |         |
| 3/4 to 36                                   | 1/2         | 1 3/4   | 1 3/4    | 3/4      | ID to        | .855   | 1 9/16  | 3/8     | 23/64 | 7/8     |
| 1 to 36                                     | 3/4         | 1 7/16  | 2        | 1        | match        | 1.065  | 1 25/32 | 9/16    | 21/64 | 7/8     |
| 1 1/4 to 36                                 | 1           | 1 9/16  | 2 7/16   | 1 5/16   | Sch. 160     | 1.330  | 2 1/4   | 5/8     | 15/32 | 15/16   |
| 1 1/2 to 36                                 | 1 1/4       | 1 5/8   | 2 3/4    | 1 1/2    | and XXS      | 1.675  | 2 9/16  | 13/16   | 29/64 | 13/16   |
| 2 to 36                                     | 1 1/2       | 1 11/16 | 3 1/4    | 1 15/16  | respectively | 1.915  | 3       | 13/16   | 41/64 | 7/8     |
| 2 1/2 to 36                                 | 2           | 2 5/16  | 4 1/16   | 2 5/16   |              | 2.406  | 3 5/8   | 7/8     | 7/8   | 1 7/16  |



# PRESSURE TEMPERATURE RATINGS

Non-shock Working Pressure in Pounds per Square Inch

| Service<br>Temperature<br>Degree ° F | 2000LB Threaded Fittings |      |      |      |      | 3000LB Socket Welding<br>and Threaded Fittings |      |      |      |      | 6000LB Socket Welding<br>and Threaded Fittings |      |      |      |      |
|--------------------------------------|--------------------------|------|------|------|------|------------------------------------------------|------|------|------|------|------------------------------------------------|------|------|------|------|
|                                      | Carbon<br>Steel          | F304 | F316 | F22  | F5   | Carbon<br>Steel                                | F304 | F316 | F22  | F5   | Carbon<br>Steel                                | F304 | F316 | F22  | F5   |
| 100                                  | 2000                     | 1715 | 2000 | 2000 | 2000 | 3000                                           | 2570 | 3000 | 3000 | 3000 | 6000                                           | 5145 | 6000 | 6000 | 6000 |
| 150                                  | 1970                     | 1615 | 1970 | 1970 | 1970 | 2950                                           | 2425 | 2950 | 2950 | 2950 | 5915                                           | 4855 | 5915 | 5915 | 5915 |
| 200                                  | 1940                     | 1520 | 1940 | 1940 | 1940 | 2915                                           | 2280 | 2915 | 2915 | 2915 | 5830                                           | 4565 | 5830 | 5830 | 5830 |
| 250                                  | 1915                     | 1445 | 1915 | 1915 | 1915 | 2875                                           | 2170 | 2875 | 2875 | 2875 | 5750                                           | 4340 | 5750 | 5750 | 5750 |
| 300                                  | 1895                     | 1370 | 1895 | 1895 | 1895 | 2845                                           | 2055 | 2845 | 2845 | 2845 | 5690                                           | 4115 | 5690 | 5690 | 5690 |
| 350                                  | 1875                     | 1310 | 1875 | 1875 | 1875 | 2810                                           | 1965 | 2810 | 2810 | 2810 | 5625                                           | 3930 | 5690 | 5625 | 5625 |
| 400                                  | 1850                     | 1245 | 1850 | 1850 | 1850 | 2775                                           | 1870 | 2775 | 2775 | 2775 | 5550                                           | 3745 | 5550 | 5550 | 5550 |
| 450                                  | 1810                     | 1195 | 1810 | 1810 | 1810 | 2715                                           | 1870 | 2715 | 2715 | 2715 | 5430                                           | 3585 | 5430 | 5430 | 5430 |
| 500                                  | 1735                     | 1140 | 1735 | 1735 | 1735 | 2605                                           | 1715 | 2605 | 2605 | 2605 | 5210                                           | 3430 | 5210 | 5210 | 5210 |
| 550                                  | 1640                     | 1100 | 1640 | 1640 | 1640 | 2460                                           | 1650 | 2460 | 2460 | 2460 | 4925                                           | 3305 | 4925 | 4925 | 4925 |
| 600                                  | 1540                     | 1060 | 1540 | 1540 | 1540 | 2310                                           | 1590 | 2310 | 2310 | 2310 | 4620                                           | 3180 | 4620 | 4620 | 4620 |
| 650                                  | 1430                     | 1020 | 1430 | 1430 | 1430 | 2150                                           | 1535 | 2150 | 2150 | 2150 | 4300                                           | 3070 | 4300 | 4300 | 4300 |
| 700                                  | 1305                     | 985  | 1370 | 1340 | 1340 | 1960                                           | 1480 | 2055 | 2010 | 2010 | 3920                                           | 2960 | 4110 | 4025 | 4025 |
| 750                                  | 1180                     | 950  | 1305 | 1245 | 1245 | 1775                                           | 1425 | 1960 | 1870 | 1870 | 3550                                           | 2850 | 3920 | 3745 | 3745 |
| 800                                  | 1015                     | 915  | 1240 | 1155 | 1155 | 1525                                           | 1370 | 1865 | 1735 | 1735 | 3050                                           | 2745 | 3730 | 3470 | 3470 |
| 850                                  | 830                      | 880  | 1180 | 1060 | 1060 | 1250                                           | 1330 | 1770 | 1595 | 1595 | 2500                                           | 2660 | 3540 | 3190 | 3190 |
| 900                                  | 615                      | 860  | 1115 | 970  | 970  | 925                                            | 1290 | 1675 | 1455 | 1455 | 1855                                           | 2580 | 3350 | 2915 | 2915 |
| 950                                  | 425                      | 845  | 1055 | 880  | 880  | 640                                            | 1270 | 1580 | 1320 | 1320 | 1295                                           | 2540 | 3165 | 2640 | 2640 |
| 1000                                 | 235                      | 830  | 990  | 740  | 695  | 350                                            | 1250 | 1485 | 1115 | 1040 | 715                                            | 2500 | 2975 | 2230 | 2085 |



# WEIGHT LIST

| WEIGHT (KGS)<br>SIZE       | 1/8" | 1/4" | 3/8" | 1/2" | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2"   | 2 1/2" | 3"    | 4"    |
|----------------------------|------|------|------|------|------|------|--------|--------|------|--------|-------|-------|
| <b>2000LBS SCREWED</b>     |      |      |      |      |      |      |        |        |      |        |       |       |
| 90° ELBOW                  | 0.10 | 0.08 | 0.13 | 0.22 | 0.32 | 0.47 | 0.74   | 0.93   | 1.53 | 2.98   | 4.54  | 10.21 |
| 45° ELBOW                  | 0.08 | 0.06 | 0.10 | 0.20 | 0.27 | 0.41 | 0.64   | 0.75   | 1.19 | 3.46   | 5.44  | 8.96  |
| TEE                        | 0.13 | 0.12 | 0.15 | 0.31 | 0.43 | 0.61 | 0.95   | 1.25   | 1.93 | 4.11   | 6.12  | 14.74 |
| <b>3000LBS SCREWED</b>     |      |      |      |      |      |      |        |        |      |        |       |       |
| 90° ELBOW                  | 0.10 | 0.14 | 0.27 | 0.41 | 0.65 | 1.03 | 1.31   | 2.21   | 2.47 | 4.53   | 7.77  | 13.27 |
| 45° ELBOW                  | 0.08 | 0.12 | 0.24 | 0.34 | 0.54 | 0.92 | 0.97   | 1.84   | 1.93 | 3.46   | 5.44  | 8.96  |
| TEE                        | 0.13 | 0.13 | 0.38 | 0.56 | 0.84 | 1.36 | 1.65   | 3.10   | 3.18 | 6.24   | 9.53  | 17.24 |
| COUPLING                   | 0.05 | 0.05 | 0.06 | 0.13 | 0.19 | 0.39 | 0.68   | 0.99   | 1.37 | 2.07   | 3.08  | 5.44  |
| HALF COUPLING              | 0.03 | 0.03 | 0.03 | 0.06 | 0.10 | 0.20 | 0.34   | 0.50   | 0.68 | 1.03   | 1.54  | 2.72  |
| REDUCING COUP              | 0.05 | 0.05 | 0.06 | 0.13 | 0.19 | 0.39 | 0.68   | 0.99   | 1.37 | 2.07   | 3.08  | 5.44  |
| CAP                        | 0.04 | 0.04 | 0.05 | 0.11 | 0.18 | 0.33 | 0.60   | 0.70   | 1.06 | 1.84   | 2.65  | 4.57  |
| <b>6000LBS SCREWED</b>     |      |      |      |      |      |      |        |        |      |        |       |       |
| 90° ELBOW                  | 0.17 | 0.30 | 0.45 | 0.72 | 1.15 | 1.61 | 2.67   | 3.20   | 5.90 | 9.88   | 16.43 |       |
| 45° ELBOW                  | 0.11 | 0.27 | 0.39 | 0.61 | 1.02 | 1.17 | 2.67   | 2.61   | 4.37 | 7.01   | 14.16 |       |
| TEE                        | 0.20 | 0.42 | 0.63 | 0.98 | 1.65 | 2.19 | 3.52   | 4.42   | 7.88 | 13.11  | 22.50 |       |
| COUPLING                   | 0.08 | 0.06 | 0.18 | 0.31 | 0.41 | 0.85 | 1.05   | 1.87   | 3.40 | 4.20   | 6.10  | 10.04 |
| HALF COUPLING              | 0.04 | 0.04 | 0.09 | 0.16 | 0.20 | 0.43 | 0.53   | 0.91   | 1.70 | 2.10   | 3.05  | 5.02  |
| REDUCING COUP              | 0.08 | 0.06 | 0.18 | 0.31 | 0.41 | 0.85 | 1.05   | 1.81   | 3.40 | 4.20   | 6.10  | 10.04 |
| CAP                        | 0.06 | 0.06 | 0.09 | 0.14 | 0.20 | 0.34 | 0.59   | 0.77   | 1.47 |        |       |       |
| <b>PLUGS &amp; BUSHING</b> |      |      |      |      |      |      |        |        |      |        |       |       |
| <b>2000/3000/6000LBS</b>   |      |      |      |      |      |      |        |        |      |        |       |       |
| SQUARE HEAD                | 0.01 | 0.01 | 0.03 | 0.05 | 0.09 | 0.16 | 0.27   | 0.38   | 0.63 | 0.96   | 1.53  | 3.83  |
| HEX HEAD                   | 0.01 | 0.03 | 0.05 | 0.07 | 0.14 | 0.25 | 0.47   | 0.62   | 0.59 | 1.73   | 2.15  | 5.90  |
| ROUND HEAD                 | 0.02 | 0.05 | 0.07 | 0.12 | 0.20 | 0.34 | 0.55   | 0.72   | 1.41 | 2.21   | 3.26  | 6.01  |
| BUSHING                    |      | 0.01 | 0.01 | 0.03 | 0.05 | 0.09 | 0.18   | 0.16   | 0.38 | 0.54   | 1.16  | 3.20  |
| <b>3000LBS SOCKET WELD</b> |      |      |      |      |      |      |        |        |      |        |       |       |
| 90° ELBOW                  | 0.09 | 0.03 | 0.10 | 0.22 | 0.31 | 0.45 | 0.72   | 0.97   | 1.71 | 6.06   | 4.96  | 10.95 |
| 45° ELBOW                  | 0.07 | 0.06 | 0.09 | 0.20 | 0.26 | 0.40 | 0.64   | 0.77   | 1.22 | 3.57   | 5.10  | 9.41  |
| TEE                        | 0.11 | 0.09 | 0.15 | 0.32 | 0.39 | 0.45 | 0.99   | 1.35   | 2.07 | 3.90   | 5.90  | 14.20 |
| COUPLING                   | 0.04 | 0.05 | 0.07 | 0.13 | 0.19 | 0.27 | 0.49   | 0.59   | 0.97 | 1.42   | 1.88  | 3.31  |
| HALF COUPLING              | 0.04 | 0.05 | 0.07 | 0.13 | 0.19 | 0.27 | 0.49   | 0.59   | 0.97 | 1.42   | 1.88  | 3.31  |
| REDUCING COUP              | 0.04 | 0.05 | 0.07 | 0.13 | 0.19 | 0.27 | 0.49   | 0.59   | 0.97 | 1.42   | 1.88  | 3.31  |
| CAP                        | 0.03 | 0.04 | 0.05 | 0.10 | 0.16 | 0.22 | 0.41   | 0.51   | 0.85 | 1.24   | 1.94  | 3.31  |
| <b>6000LBS SOCKET WELD</b> |      |      |      |      |      |      |        |        |      |        |       |       |
| 90° ELBOW                  |      |      |      | 0.40 | 0.63 | 1.19 | 1.36   | 2.41   | 2.72 | 4.75   | 8.55  | 14.31 |
| 45° ELBOW                  |      |      |      | 0.30 | 0.57 | 0.88 | 1.11   | 2.01   | 2.15 | 4.05   | 6.02  | 11.17 |
| TEE                        |      |      |      | 0.54 | 0.88 | 1.44 | 1.85   | 3.27   | 3.60 | 6.94   | 10.61 | 16.92 |
| COUPLING                   |      |      |      | 0.24 | 0.33 | 0.65 | 0.75   | 1.20   | 2.12 | 2.86   | 4.01  | 6.35  |
| HALF COUPLING              |      |      |      | 0.24 | 0.33 | 0.65 | 0.75   | 1.20   | 2.12 | 2.86   | 4.01  | 6.35  |
| REDUCING COUP              |      |      |      | 0.24 | 0.33 | 0.65 | 0.75   | 1.20   | 2.12 | 2.86   | 4.01  | 6.35  |
| CAP                        |      |      |      | 0.19 | 0.26 | 0.53 | 0.64   | 0.97   | 1.64 | 2.22   | 3.45  | 6.03  |