

| Screw Thread |                  | 6#     | 8#     | 10#    | 1/4    | 5/16   | 3/8    | 7/16   | 1/2    | 9/16   | 5/8    | 3/4    | 7/8    |
|--------------|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| d            |                  | 0.1380 | 0.1640 | 0.1900 | 0.2500 | 0.3125 | 0.3750 | 0.4375 | 0.5000 | 0.5625 | 0.6250 | 0.7500 | 0.8750 |
| PP           | UNC              | 32     | 32     | 24     | 20     | 18     | 16     | 14     | 13     | 12     | 11     | 10     | 9      |
|              | UNF              | 40     | 36     | 32     | 28     | 24     | 24     | 20     | 20     | 18     | 18     | 16     | 14     |
|              | 8-UN             | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      |
| s            | min              | 0.302  | 0.302  | 0.302  | 0.428  | 0.489  | 0.551  | 0.607  | 0.663  | 0.782  | 0.782  | 0.963  | 1.212  |
|              | max=nominal size | 0.312  | 0.312  | 0.312  | 0.438  | 0.500  | 0.562  | 0.625  | 0.688  | 0.813  | 0.813  | 1.000  | 1.250  |
| e            | min              | 0.344  | 0.344  | 0.344  | 0.488  | 0.557  | 0.628  | 0.692  | 0.756  | 0.891  | 0.891  | 1.097  | 1.382  |
|              | max              | 0.361  | 0.361  | 0.361  | 0.505  | 0.577  | 0.650  | 0.722  | 0.794  | 0.939  | 0.939  | 1.155  | 1.443  |
| H            | Nominal Size     | 1/2    | 5/8    | 3/4    | 1-3/4  | 1-3/4  | 1-3/4  | 1-3/4  | 1-3/4  | 2-1/8  | 2-1/8  | 2-1/4  | 2-1/2  |
|              | min              | 0.470  | 0.595  | 0.711  | 1.690  | 1.690  | 1.690  | 1.690  | 1.690  | 2.067  | 2.067  | 2.190  | 2.440  |
|              | max              | 0.510  | 0.645  | 0.760  | 1.760  | 1.760  | 1.760  | 1.760  | 1.760  | 2.135  | 2.135  | 2.260  | 2.510  |

| Screw Thread |                  | 1      | 1-1/8  | 1-1/4  | 1-1/2  | 1-5/8  | 1-3/4  | 1-7/8  | 2      | 2-1/4  | 2-1/2  | 2-3/4  | 3      |
|--------------|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>d</b>     |                  | 1.0000 | 1.1250 | 1.2500 | 1.5000 | 1.6250 | 1.7500 | 1.8750 | 2.0000 | 2.2500 | 2.5000 | 2.7500 | 3.0000 |
| <b>PP</b>    | UNC              | 8      | 7      | 7      | 6      | -      | 5      | -      | 4-1/2  | 4-1/2  | 4      | 4      | 4      |
|              | UNF              | 12     | 12     | 12     | 12     | -      | -      | -      | -      | -      | -      | -      | -      |
|              | 8-UN             | -      | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   |
| <b>s</b>     | min              | 1.325  | 1.450  | 1.575  | 1.950  | 2.481  | 2.662  | 2.844  | 3.025  | 3.388  | 3.750  | 4.112  | 4.475  |
|              | max=nominal size | 1.375  | 1.500  | 1.625  | 2.000  | 2.562  | 2.750  | 2.938  | 3.125  | 3.500  | 3.875  | 4.250  | 4.625  |
| <b>e</b>     | min              | 1.511  | 1.653  | 1.825  | 2.275  | 2.828  | 3.035  | 3.242  | 3.448  | 3.862  | 4.275  | 4.688  | 5.101  |
|              | max              | 1.588  | 1.732  | 1.876  | 2.309  | 2.959  | 3.175  | 3.392  | 3.608  | 4.041  | 4.474  | 4.907  | 5.340  |
| <b>H</b>     | Nominal Size     | 2-3/4  | 3      | 3      | 3-1/2  | 4-7/8  | 5-1/4  | 5-5/8  | 6      | 6-3/4  | 7-1/2  | 8-1/4  | 9      |
|              | min              | 2.690  | 2.940  | 2.940  | 3.440  | 4.830  | 5.210  | 5.580  | 5.950  | 6.700  | 7.440  | 8.190  | 8.940  |
|              | max              | 2.760  | 3.010  | 3.010  | 3.510  | 4.910  | 5.290  | 5.670  | 6.040  | 6.800  | 7.550  | 8.310  | 9.060  |

| Screw Thread |                  | 3-1/4  | 3-1/2  | 3-3/4  | 4      | 4-1/4  | 4-1/2  | 4-3/4  | 5      | 5-1/4  | 5-1/2  | 5-3/4  | 6      |
|--------------|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| <b>d</b>     |                  | 3.2500 | 3.5000 | 3.7500 | 4.0000 | 4.2500 | 4.5000 | 4.7500 | 5.0000 | 5.2500 | 5.5000 | 5.7500 | 6.0000 |
| <b>PP</b>    | UNC              | 4      | 4      | 4      | 4      | -      | -      | -      | -      | -      | -      | -      | -      |
|              | UNF              | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      |
|              | 8-UN             | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   | 8.00   |
| <b>s</b>     | min              | 4.838  | 5.200  | 5.562  | 5.925  | 6.288  | 6.650  | 7.012  | 7.375  | 7.738  | 8.100  | 8.462  | 8.825  |
|              | max=nominal size | 5.000  | 5.375  | 5.750  | 6.125  | 6.500  | 6.875  | 7.250  | 7.625  | 8.000  | 8.375  | 8.750  | 9.125  |
| <b>e</b>     | min              | 5.515  | 5.928  | 6.340  | 6.754  | 7.168  | 7.581  | 7.994  | 8.408  | 8.821  | 9.234  | 9.647  | 10.060 |
|              | max              | 5.773  | 6.206  | 6.639  | 7.072  | 7.506  | 7.939  | 8.372  | 8.805  | 9.238  | 9.671  | 10.104 | 10.537 |
| <b>H</b>     | Nominal Size     | 9-3/4  | 10-1/2 | 11-1/4 | 12     | 12-3/4 | 13-1/2 | 14-1/4 | 15     | 15-3/4 | 16-1/2 | 17-1/4 | 18     |
|              | min              | 9.680  | 10.430 | 11.170 | 11.920 | 12.670 | 13.420 | 14.160 | 14.910 | 15.650 | 16.400 | 17.150 | 17.890 |
|              | max              | 9.810  | 10.570 | 11.320 | 12.080 | 12.830 | 13.580 | 14.340 | 15.090 | 15.850 | 16.600 | 17.350 | 18.110 |