

## HOT ROLLED, P&O, COLD ROLLED

| Gauge | Thickness Inches   |                  |              | Lbs. per Square Foot |
|-------|--------------------|------------------|--------------|----------------------|
|       | Decimal Equivalent | Tolerance Range  |              |                      |
|       |                    | Hot Rolled P & O | Cold Rolled  |                      |
| 3     | 0.239              | .229 to .249     |              | 10.000               |
| 4     | 0.224              | .214 to .234     |              | 9.375                |
| 5     | 0.209              | .199 to .219     |              | 8.750                |
| 6     | 0.194              | .184 to .204     |              | 8.125                |
| 7     | 0.179              | .171 to .187     |              | 7.500                |
| 8     | 0.164              | .156 to .172     |              | 6.875                |
| 9     | 0.149              | .141 to .157     |              | 6.250                |
| 10    | 0.134              | .126 to .142     | .128 to .140 | 5.625                |
| 11    | 0.120              | .112 to .128     | .114 to .126 | 5.000                |
| 12    | 0.105              | .097 to .113     | .099 to .112 | 4.375                |
| 13    | 0.090              | .083 to .097     | .085 to .095 | 3.750                |
| 14    | 0.075              | .068 to .082     | .070 to .080 | 3.125                |
| 15    | 0.067              | .060 to .075     | .062 to .072 | 2.812                |
| 16    | 0.060              | .053 to .067     | .055 to .065 | 2.500                |
| 17    | 0.054              | .048 to .060     | .050 to .058 | 2.250                |
| 18    | 0.048              |                  | .044 to .052 | 2.000                |
| 19    | 0.042              |                  | .038 to .046 | 1.750                |
| 20    | 0.036              |                  | .033 to .039 | 1.500                |
| 21    | 0.033              |                  | .030 to .036 | 1.375                |
| 22    | 0.030              |                  | .027 to .033 | 1.250                |
| 23    | 0.027              |                  | .024 to .030 | 1.125                |
| 24    | 0.024              |                  | .021 to .027 | 1.000                |
| 25    | 0.021              |                  | .018 to .024 | 0.875                |
| 26    | 0.018              |                  | .016 to .020 | 0.750                |
| 27    | 0.016              |                  | .014 to .018 | 0.688                |
| 28    | 0.015              |                  | .013 to .017 | 0.625                |
| 29    | 0.014              |                  |              | 0.562                |
| 30    | 0.012              |                  |              | 0.500                |

## GALVANIZED

| Thickness Inches |                    |                            |                      |       |
|------------------|--------------------|----------------------------|----------------------|-------|
| Stainless SHEET  | Decimal Equivalent | Tolerance Range Galvanized | Lbs. per Square Foot | Gauge |
|                  |                    |                            |                      | 3     |
|                  |                    |                            |                      | 4     |
|                  |                    |                            |                      | 5     |
|                  |                    |                            |                      | 6     |
|                  |                    |                            |                      | 7     |
| 0.172            | 0.168              | .159 to .177               | 7.031                | 8     |
| 0.156            | 0.153              | .144 to .162               | 6.406                | 9     |
| 0.141            | 0.138              | .129 to .147               | 5.781                | 10    |
| 0.125            | 0.123              | .114 to .132               | 5.156                | 11    |
| 0.109            | 0.108              | .099 to .117               | 4.531                | 12    |
| 0.094            | 0.093              | .085 to .101               | 3.906                | 13    |
| 0.078            | 0.079              | .071 to .087               | 3.281                | 14    |
|                  | 0.071              | .065 to .077               | 2.969                | 15    |
| 0.063            | 0.064              | .058 to .070               | 2.656                | 16    |
|                  | 0.058              | .053 to .063               | 2.406                | 17    |
| 0.050            | 0.052              | .047 to .057               | 2.156                | 18    |
|                  | 0.046              | .041 to .051               | 1.906                | 19    |
| 0.038            | 0.040              | .036 to .044               | 1.656                | 20    |
|                  | 0.037              | .033 to .041               | 1.531                | 21    |
| 0.031            | 0.034              | .030 to .038               | 1.406                | 22    |
|                  | 0.031              | .027 to .035               | 1.281                | 23    |
| 0.025            | 0.028              | .024 to .032               | 1.156                | 24    |
|                  | 0.025              | .021 to .029               | 1.031                | 25    |
| 0.019            | 0.022              | .019 to .025               | 0.906                | 26    |
|                  | 0.020              | .017 to .023               | 0.844                | 27    |
| 0.016            | 0.019              | .016 to .022               | 0.781                | 28    |
|                  | 0.017              | .014 to .020               | 0.719                | 29    |
| 0.013            | 0.016              | .013 to .019               | 0.656                | 30    |

# Chapman Smith

CORPORATION

## Fractions • Decimals • Millimeters

| Inches |        | mm    | Inches |        | mm     | Inches |        | mm     | Inches |        | mm     |
|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1/64   | 0.0156 | 0.396 | 17/64  | 0.2656 | 6.746  | 33/64  | 0.5156 | 13.096 | 49/64  | 0.7656 | 19.446 |
| 1/32   | 0.0312 | 0.793 |        | 0.2756 | 7.000  | 17/32  | 0.5312 | 13.493 | 25/32  | 0.7812 | 19.843 |
|        | 0.0394 | 1.000 | 9/32   | 0.2812 | 7.143  | 35/64  | 0.5468 | 13.890 |        | 0.7874 | 20.000 |
| 3/64   | 0.0468 | 1.190 | 19/64  | 0.2968 | 7.540  |        | 0.5512 | 14.000 | 51/64  | 0.7968 | 20.240 |
| 1/16   | 0.0625 | 1.587 | 5/16   | 0.3125 | 7.937  | 9/16   | 0.5625 | 14.287 | 13/16  | 0.8125 | 20.637 |
| 5/64   | 0.0781 | 1.984 |        | 0.3150 | 8.000  | 37/64  | 0.5781 | 14.684 |        | 0.8268 | 21.000 |
|        | 0.0787 | 2.000 | 21/64  | 0.3281 | 8.334  |        | 0.5906 | 15.000 | 53/64  | 0.8281 | 21.034 |
| 3/32   | 0.0937 | 2.381 | 11/32  | 0.3437 | 8.731  | 19/32  | 0.5937 | 15.081 | 27/32  | 0.8437 | 21.431 |
| 7/64   | 0.1093 | 2.778 |        | 0.3543 | 9.000  | 39/64  | 0.6093 | 15.478 | 55/64  | 0.8593 | 21.828 |
|        | 0.1181 | 3.000 | 23/64  | 0.3593 | 9.128  | 5/8    | 0.6250 | 15.875 |        | 0.8661 | 22.000 |
| 1/8    | 0.1250 | 3.175 | 3/8    | 0.3750 | 9.525  |        | 0.6299 | 16.000 | 7/8    | 0.8750 | 22.225 |
| 9/64   | 0.1406 | 3.571 | 25/64  | 0.3906 | 9.921  | 41/64  | 0.6406 | 16.271 | 57/64  | 0.8906 | 22.621 |
| 5/32   | 0.1562 | 3.968 |        | 0.3937 | 10.000 | 21/32  | 0.6562 | 16.668 |        | 0.9055 | 23.000 |
|        | 0.1575 | 4.000 | 13/32  | 0.4062 | 10.318 |        | 0.6693 | 17.000 | 29/32  | 0.9062 | 23.018 |
| 11/64  | 0.1718 | 4.365 | 27/64  | 0.4218 | 10.715 | 43/64  | 0.6718 | 17.065 | 59/64  | 0.9218 | 23.415 |
| 3/16   | 0.1875 | 4.762 |        | 0.4331 | 11.000 | 11/16  | 0.6875 | 17.462 | 15/16  | 0.9375 | 23.812 |
|        | 0.1968 | 5.000 | 7/16   | 0.4375 | 11.112 | 45/64  | 0.7031 | 17.859 |        | 0.9449 | 24.000 |
| 13/64  | 0.2031 | 5.159 | 29/64  | 0.4531 | 11.509 |        | 0.7087 | 18.000 | 61/64  | 0.9531 | 24.209 |
| 7/32   | 0.2187 | 5.556 | 15/32  | 0.4687 | 11.906 | 23/32  | 0.7187 | 18.256 | 31/32  | 0.9687 | 24.606 |
| 15/64  | 0.2343 | 5.953 |        | 0.4724 | 12.000 | 47/64  | 0.7343 | 18.653 |        | 0.9843 | 25.000 |
|        | 0.2362 | 6.000 | 31/64  | 0.4843 | 12.303 |        | 0.7480 | 19.000 | 63/64  | 0.9843 | 25.003 |
| 1/4    | 0.2500 | 6.350 | 1/2    | 0.5000 | 12.700 | 3/4    | 0.7500 | 19.050 | 1      | 1.0000 | 25.400 |
|        |        |       |        | 0.5118 | 13.000 |        |        |        |        |        |        |