

# EXPANDED METAL & GRATING

|                            |    |
|----------------------------|----|
| Expanded Metals*           |    |
| Carbon Steel Regular.....  | 26 |
| Flattened Expanded Metals  |    |
| Carbon Steel.....          | 27 |
| Expanded Metal Grating     |    |
| Carbon Steel Grate-X.....  | 27 |
| Electroformed Grating..... | 28 |
| Serrated Bearing Bars..... | 28 |
| Plain Bearing Bars.....    | 28 |
| Table of Safe Loads.....   | 29 |
| Types & Weights.....       | 30 |
| Steel Stair Treads.....    | 31 |
| Safety Grating             |    |
| Grip Strut®.....           | 32 |

\* Available in Aluminum & Stainless Steel





## Expanded Metals

**Carbon Steel Regular**  
Raised

| Style Designation | Weight per 100 Sq. Ft. | Stock Sizes in Ft. | Size of Opening in Inches |        |
|-------------------|------------------------|--------------------|---------------------------|--------|
|                   |                        |                    | Width                     | Length |
| 1/4" – No. 20     | 86                     | 4 x 8              | .125                      | .687   |
| 1/4" – No. 18     | 117                    | 4 x 8              | .125                      | .687   |
| 1/2" – No. 20     | 43                     | 4 x 8              | .375                      | .875   |
| 1/2" – No. 18     | 70                     | 4 & 6 x 8 & 10     | .375                      | .950   |
| 1/2" – No. 16     | 87                     | 4 & 6 x 8 & 10     | .375                      | .890   |
| 1/2" – No. 13     | 146                    | 4 & 6 x 6 & 8      | .350                      | .900   |
| 3/4" – No. 16     | 54                     | 4 & 6 x 6 & 8      | .700                      | 1.640  |
| 3/4" – No. 13     | 80                     | 4 & 6 x 8 & 10     | .734                      | 1.640  |
| 3/4" – No. 10     | 119                    | 4 x 8              | .675                      | 1.563  |
| 3/4" – No. 9      | 180                    | 4 & 6 x 8 & 10     | .600                      | 1.450  |
| 1" – No. 16       | 47                     | 4 x 8              | .875                      | 1.937  |
| 1 1/2" – No. 16   | 40                     | 4 x 8              | 1.180                     | 2.600  |
| 1 1/2" – No. 13   | 60                     | 4 & 6 x 8 & 10     | 1.200                     | 2.600  |
| 1 1/2" – No. 10   | 79                     | 4 & 6 x 8 & 10     | 1.156                     | 2.520  |
| 1 1/2" – No. 9    | 119                    | 4 & 6 x 8 & 10     | 1.140                     | 2.430  |

### Specifying - Sheet Size

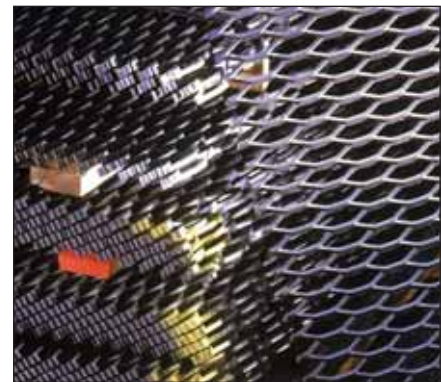
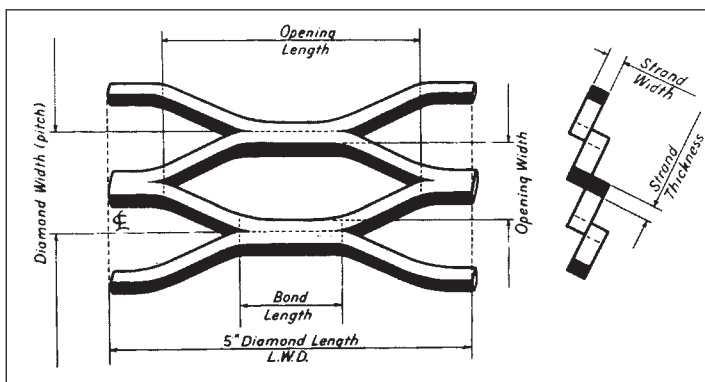
**Width** of sheet measure Short Way of Diamond (SWD)

**Length** of sheet measure Long Way of Diamond (LWD)

**Example** 1/2" No.18 Expanded Metal SWD x 8' LWD.

Expanded Metal is also available in Aluminum & Stainless Steel.

Detailed engineering information available on request.



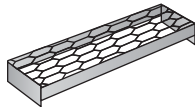


## Flattened Expanded Metals Carbon Steel Regular

| Style Designation | Weight per 100 Sq. Ft. | Stock Sizes in Ft. | Size of Opening in Inches |        |
|-------------------|------------------------|--------------------|---------------------------|--------|
|                   |                        |                    | Width                     | Length |
| 1/4" – No. 20     | 83                     | 4 x 8              | .088                      | .700   |
| 1/4" – No. 18     | 113                    | 4 x 8              | .088                      | .700   |
| 1/2" – No. 20     | 41                     | 3 & 4 x 8          | .313                      | .938   |
| 1/2" – No. 18     | 66                     | 3 & 4 x 8 & 10     | .289                      | 1.000  |
| 1/2" – No. 16     | 82                     | 3 & 4 x 8 & 10     | .301                      | 1.000  |
| 1/2" – No. 13     | 138                    | 3 & 4 x 8          | .259                      | .970   |
| 3/4" – No. 16     | 51                     | 3 & 4 x 8 & 10     | .650                      | 1.750  |
| 3/4" – No. 14     | 64                     | 3 & 4 x 8          | .642                      | 1.750  |
| 3/4" – No. 13     | 76                     | 3 & 4 x 8 & 10     | .642                      | 1.750  |
| 3/4" – No. 9      | 171                    | 3 & 4 x 8 & 10     | .529                      | 1.630  |
| 1" – No. 16       | 46                     | 3 & 4 x 8          | .780                      | 2.060  |
| 1 1/2" – No. 16   | 29                     | 3 & 4 x 8          | 1.140                     | 2.680  |
| 1 1/2" – No. 14   | 53                     | 3 & 4 x 8          | 1.070                     | 2.680  |
| 1 1/2" – No. 13   | 57                     | 3 & 4 x 8 & 10     | 1.070                     | 2.880  |
| 1 1/2" – No. 9    | 113                    | 3 & 4 x 8 & 10     | 1.000                     | 2.620  |

**Expanded Metal Accessories** — U-Edging etc. in stock.

**Flattened Expanded Metal** is also available in Aluminum & Stainless Steel.



## Expanded Metal Grating Carbon Steel Grate-X

| Style (Wt. per Sq. Ft.) | Opening Size in Inches | Strand Size in Inches | Overall Depth in inches | Sheet Size |                    |
|-------------------------|------------------------|-----------------------|-------------------------|------------|--------------------|
|                         |                        |                       |                         | SWD in Ft. | LWD in Ft.         |
| 3.0 lb.                 | 1.09 x 3.31            | .223 x .23            | 1/2                     | 6'         | 8', 10'            |
| 4.0 lb.                 | 1.02 x 3.25            | .223 x .30            | 5/8                     | 4, 5, 6*   | 8'                 |
| 5.0 lb.                 | .72 x 2.88             | .223 x .31            | 5/8                     | 4          | 5', 8', 10'        |
| 6.25 lb.                | .781 x 3.125           | .284 x .380           | 47/64                   | 4          | 8'                 |
| 7.0 lb.                 | .70 x 2.75             | .284 x .40            | 3/4                     | 4          | 4' - 2"<br>8' - 4" |

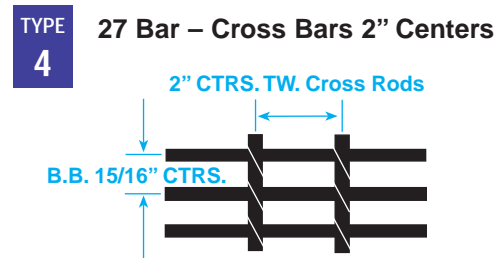
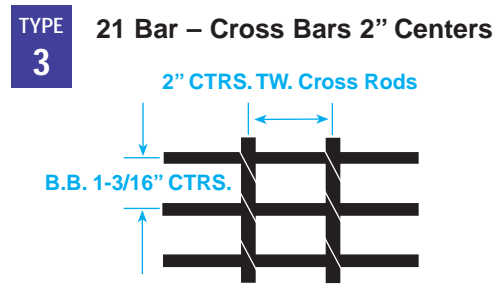
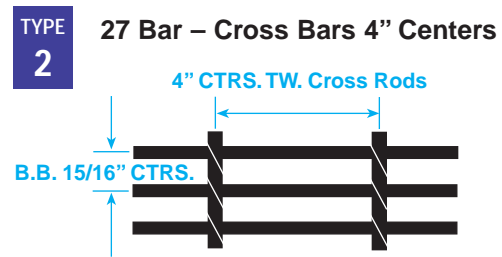
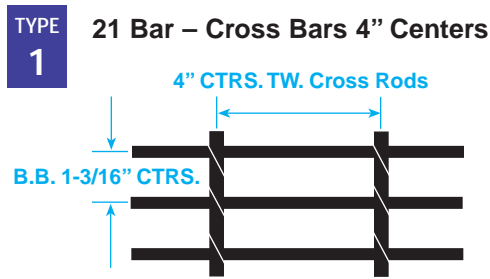
\* Also Available in 5' wide or 10' long.

**GRATE-X**, combining lightweight with unusual strength, is the ideal material for industrial walkways and stair treads. GRATE-X offers many unique advantages. It is higher in unit tensile strength, lighter, has safer tread surfaces and permits maximum passage of light and air.

### GRATE-X Stair Tread

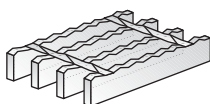
GRATE-X prefabricated Stair Treads are available in two styles, No. 4A (4#) and No. 5A (5#). They are made in lengths from 16" to 48" and in all standard tread widths.

## Electroformed Grating



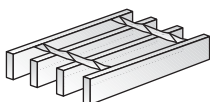
## Electroformed Grating Panel Width in Inches

| No. of Bars               | 2        | 3        | 4        | 5        | 6        | 7        | 8        | 9       | 10      | 11       | 12      | 13       | 14       |
|---------------------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|----------|---------|----------|----------|
| Standard 21 Bar           | 1 3/8    | 2 9/16   | 3 3/4    | 4 15/16  | 6 1/8    | 7 5/16   | 8 1/2    | 9 11/16 | 10 7/8  | 12 1/16  | 13 5/16 | 14 1/2   | 15 11/16 |
| Close Mesh 27 Bar         | 1 1/8    | 2        | 2 15/16  | 3 7/8    | 4 3/4    | 5 11/16  | 6 5/8    | 7 1/2   | 8 7/16  | 9 3/8    | 10 1/4  | 11 3/16  | 12 1/8   |
| Special Close Mesh 36 Bar | 7/8      | 1 9/16   | 2 1/4    | 2 15/16  | 3 5/8    | 4 5/16   | 5        | 5 5/8   | 6 5/16  | 7        | 7 11/16 | 8 3/8    | 9 1/16   |
| No. of Bars               | 15       | 16       | 17       | 18       | 19       | 20       | 21       | 22      | 23      | 24       | 25      | 26       | 27       |
| Standard 21 Bar           | 16 7/8   | 18 1/16  | 19 1/4   | 20 7/16  | 21 5/8   | 22 13/16 | 24       | 25 3/16 | 26 3/8  | 27 9/16  | 28 3/4  | 29 15/16 | 31 1/8   |
| Close Mesh 27 Bar         | 13       | 13 15/16 | 14 13/16 | 15 3/4   | 16 11/16 | 17 9/16  | 18 1/2   | 19 7/16 | 20 5/16 | 21 1/4   | 22 3/16 | 23 1/16  | 24       |
| Special Close Mesh 36 Bar | 9 3/4    | 10 3/8   | 11 1/16  | 11 3/4   | 12 7/16  | 13 1/8   | 13 15/16 | 14 1/2  | 15 1/8  | 15 13/16 | 16 1/2  | 17 3/16  | 17 7/8   |
| No. of Bars               | 28       | 29       | 30       | 31       | 32       | 33       | 34       | 35      | 36      | 37       | 38      | 39       | 40       |
| Standard 21 Bar           | 32 5/16  | 33 1/2   | 34 11/16 | 36       |          |          |          |         |         |          |         |          |          |
| Close Mesh 27 Bar         | 24 15/16 | 25 13/16 | 26 3/4   | 27 11/16 | 28 9/16  | 29 1/2   | 30 7/16  | 31 5/16 | 32 1/4  | 33 3/16  | 34 1/16 | 35       | 36       |
| Special Close Mesh 36 Bar | 18 9/16  |          |          |          |          |          |          |         |         |          |         |          |          |



### Serrated Bearing Bars

This grating is particularly suited for installations where extreme hazardous conditions, such as oily or slippery surfaces, exist.



### Plain Bearing Bars

This grating has proven highly satisfactory for industrial applications. It provides strength, safety and economy.

# Electroformed Grating Table of Safe Loads

21 Bar Type Only – Bearing Bars: 1<sup>3</sup>/<sub>16</sub>" Centers  
 Electroformed 11 Bar (2<sup>3</sup>/<sub>8</sub>" c.c. of Bearing Bar) – Multiply by .52  
 Electroformed 14 Bar (1<sup>13</sup>/<sub>16</sub>" c.c. of Bearing Bar) – Multiply by .66  
 Electroformed 27 Bar (1<sup>5</sup>/<sub>16</sub>" c.c. of Bearing Bar) – Multiply by 1.28  
 Electroformed 36 Bar (1<sup>1</sup>/<sub>16</sub>" c.c. of Bearing Bar) – Multiply by 1.71

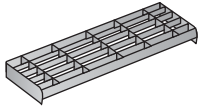
| Bearing Bar Size                                       |   | 2'-0" | 2'-6" | 3'-0" | 3'-6" | 4'-0" | 4'-6" | 5'-0"  | 5'-6" | 6'-0" | 6'-6" | 7'-0" | 8'-0" |      |      |      |  |  |  |
|--|---|-------|-------|-------|-------|-------|-------|--|-------|-------|-------|-------|-------|------|------|------|--|--|--|
| 8G21<br>1/4" x 1/8"<br>Wt. per sq. ft.<br>4.00 lbs.    | U | 386   | 247   | 172   | 126   | 96    | 76    | U – Safe uniform load in pounds per square foot.<br>C – Safe concentrated load in pounds per foot of grating width.<br>D – Deflection in inches.<br>Loads and deflections given in this table are theoretical, and are based on a unit stress of 18,000 psi.<br><br><b>Note:</b> Grating for spans to the left of the heavy line have a deflection less than 1/4" for uniform loads of 100 lbs. per sq. ft. This is the maximum deflection to afford pedestrian comfort and can be exceeded for other types of load at the discretion of the engineer. |       |       |       |       |       |      |      |      |  |  |  |
|  | D | .095  | .151  | .216  | .295  | .374  | .486  |  |       |       |       |       |       |      |      |      |  |  |  |
|  | C | 386   | 308   | 258   | 220   | 194   | 171   |  |       |       |       |       |       |      |      |      |  |  |  |
|  | D | .076  | .119  | .173  | .234  | .308  | .389  |  |       |       |       |       |       |      |      |      |  |  |  |
| G21<br>3/4" x 3/16"<br>Wt. per sq. ft.<br>5.68 lbs.    | U | 578   | 370   | 258   | 188   | 144   | 115   |  |       |       |       |       |       |      |      |      |  |  |  |
|  | D | .098  | .151  | .216  | .295  | .374  | .486  |  |       |       |       |       |       |      |      |      |  |  |  |
|  | C | 578   | 462   | 386   | 331   | 289   | 257   |  |       |       |       |       |       |      |      |      |  |  |  |
|  | D | .076  | .119  | .173  | .234  | .308  | .389  |  |       |       |       |       |       |      |      |      |  |  |  |
| 8J21<br>1" x 1/8"<br>Wt. per sq. ft.<br>5.10 lbs       | U | 686   | 439   | 304   | 224   | 171   | 135   |  |       |       |       |       |       | 109  | 91   | 76   |  |  |  |
|  | D | .072  | .111  | .159  | .219  | .288  | .366  |  |       |       |       |       |       | .451 | .547 | .673 |  |  |  |
|  | C | 686   | 549   | 457   | 392   | 343   | 305   |  |       |       |       |       |       | 275  | 250  | 228  |  |  |  |
|  | D | .057  | .090  | .129  | .176  | .231  | .293  |  |       |       |       |       |       | .360 | .434 | .518 |  |  |  |
| J21<br>1" x 3/16"<br>Wt. per sq. ft.<br>7.36 lbs.      | U | 1029  | 659   | 459   | 338   | 257   | 203   | 164  | 135   | 114   |       |       |       |      |      |      |  |  |  |
|  | D | .072  | .111  | .159  | .219  | .288  | .366  | .451   | .547  | .673  |       |       |       |      |      |      |  |  |  |
|  | C | 1029  | 824   | 686   | 587   | 514   | 458   | 412  | 375   | 343   |       |       |       |      |      |      |  |  |  |
|  | D | .057  | .090  | .129  | .176  | .231  | .293  | .360   | .434  | .518  |       |       |       |      |      |      |  |  |  |
| 8L21<br>1 1/4" x 1/8"<br>Wt. per sq. ft.<br>6.20 lbs.  | U | 1072  | 686   | 476   | 350   | 268   | 212   | 172  | 142   | 119   | 101   | 87    |       |      |      |      |  |  |  |
|  | D | .057  | .090  | .129  | .176  | .231  | .291  | .358   | .433  | .520  | .608  | .704  |       |      |      |      |  |  |  |
|  | C | 1072  | 858   | 716   | 613   | 536   | 477   | 430  | 390   | 358   | 330   | 306   |       |      |      |      |  |  |  |
|  | D | .046  | .072  | .104  | .141  | .183  | .233  | .288   | .349  | .416  | .487  | .565  |       |      |      |      |  |  |  |
| L21<br>1 1/4" x 3/16"<br>Wt. per sq. ft.<br>9.04 lbs.  | U | 1608  | 1028  | 716   | 526   | 403   | 318   | 258  | 213   | 179   | 152   | 131   |       |      |      |      |  |  |  |
|  | D | .057  | .090  | .129  | .176  | .231  | .291  | .358   | .433  | .520  | .608  | .704  |       |      |      |      |  |  |  |
|  | C | 1608  | 1285  | 1073  | 918   | 803   | 716   | 644  | 585   | 536   | 495   | 459   |       |      |      |      |  |  |  |
|  | D | .046  | .072  | .104  | .141  | .183  | .233  | .288   | .349  | .416  | .487  | .565  |       |      |      |      |  |  |  |
| 8N21<br>1 1/2" x 1/8"<br>Wt. per sq. ft.<br>7.36 lbs.  | U | 1544  | 987   | 686   | 505   | 387   | 306   | 248  | 205   | 172   | 149   | 128   | 96    |      |      |      |  |  |  |
|  | D | .047  | .075  | .106  | .147  | .192  | .243  | .300   | .365  | .433  | .506  | .587  | .774  |      |      |      |  |  |  |
|  | C | 1544  | 1235  | 1029  | 883   | 722   | 687   | 619  | 563   | 515   | 475   | 441   | 386   |      |      |      |  |  |  |
|  | D | .038  | .059  | .087  | .117  | .154  | .195  | .241   | .289  | .347  | .406  | .470  | .614  |      |      |      |  |  |  |
| N21<br>1 1/2" x 3/16"<br>Wt. per sq. ft.<br>11.08 lbs. | U | 2321  | 1485  | 1031  | 758   | 581   | 458   | 371  | 307   | 260   | 222   | 191   | 145   |      |      |      |  |  |  |
|  | D | .047  | .075  | .106  | .147  | .192  | .243  | .300   | .365  | .433  | .506  | .587  | .774  |      |      |      |  |  |  |
|  | C | 2321  | 1856  | 1547  | 1325  | 1159  | 1031  | 928  | 844   | 773   | 714   | 663   | 581   |      |      |      |  |  |  |
|  | D | .038  | .059  | .087  | .117  | .154  | .195  | .241   | .289  | .347  | .406  | .470  | .614  |      |      |      |  |  |  |
| Q21<br>1 3/4" x 3/16"<br>Wt. per sq. ft.<br>12.76 lbs. | U | 3151  | 2016  | 1401  | 1029  | 788   | 622   | 505  | 416   | 351   | 299   | 259   | 197   |      |      |      |  |  |  |
|  | D | .042  | .064  | .092  | .126  | .165  | .208  | .258   | .310  | .371  | .435  | .506  | .664  |      |      |      |  |  |  |
|  | C | 3151  | 2521  | 2100  | 1800  | 1575  | 1400  | 1260   | 1145  | 1049  | 969   | 899   | 786   |      |      |      |  |  |  |
|  | D | .033  | .052  | .074  | .101  | .132  | .167  | .206   | .249  | .297  | .347  | .403  | .527  |      |      |      |  |  |  |
| P21<br>2" x 3/16"<br>Wt. per sq. ft.<br>14.44 lbs.     | U | 4116  | 2633  | 1829  | 1344  | 1029  | 813   | 659  | 546   | 460   | 393   | 339   | 258   |      |      |      |  |  |  |
|  | D | .036  | .056  | .081  | .111  | .144  | .183  | .226   | .273  | .325  | .384  | .447  | .580  |      |      |      |  |  |  |
|  | C | 4116  | 3292  | 2745  | 2351  | 2058  | 1828  | 1646   | 1496  | 1370  | 1266  | 1175  | 1027  |      |      |      |  |  |  |
|  | D | .029  | .045  | .064  | .088  | .115  | .145  | .180   | .217  | .259  | .303  | .353  | .460  |      |      |      |  |  |  |
| Q21<br>2 1/4" x 3/16"<br>Wt. per sq. ft.<br>16.02 lbs. | U | 5209  | 3332  | 2314  | 1670  | 1302  | 1028  | 835  | 689   | 583   | 496   | 428   | 327   |      |      |      |  |  |  |
|  | D | .032  | .050  | .072  | .098  | .127  | .162  | .199   | .241  | .287  | .338  | .393  | .512  |      |      |      |  |  |  |
|  | C | 5209  | 4167  | 3473  | 2916  | 2604  | 2314  | 2082   | 1892  | 1733  | 1601  | 1487  | 1301  |      |      |      |  |  |  |
|  | D | .026  | .039  | .057  | .079  | .102  | .129  | .160   | .194  | .230  | .270  | .314  | .410  |      |      |      |  |  |  |
| R21<br>2 1/2" x 3/16"<br>Wt. per sq. ft.<br>17.69 lbs. | U | 6432  | 4115  | 2858  | 2099  | 1609  | 1271  | 1029   | 850   | 720   | 613   | 529   | 405   |      |      |      |  |  |  |
|  | D | .028  | .044  | .064  | .088  | .116  | .145  | .180   | .217  | .260  | .305  | .354  | .465  |      |      |      |  |  |  |
|  | C | 6432  | 5147  | 4286  | 3673  | 3214  | 2858  | 2571   | 2338  | 2141  | 1977  | 1836  | 1607  |      |      |      |  |  |  |
|  | D | .023  | .036  | .051  | .071  | .092  | .116  | .144   | .173  | .207  | .242  | .282  | .369  |      |      |      |  |  |  |

## Electroformed Grating Types & Weights

| Main Bar Size | Standard 21 Bar Grating |                      |        |                      | Close Mesh 27 Bar Grating |                      |        |                      | Special Close Mesh 36 Bar Grating |                      |
|---------------|-------------------------|----------------------|--------|----------------------|---------------------------|----------------------|--------|----------------------|-----------------------------------|----------------------|
|               | Type 1                  | Wt. Lbs. Per Sq. Ft. | Type 3 | Wt. Lbs. Per Sq. Ft. | Type 2                    | Wt. Lbs. Per Sq. Ft. | Type 4 | Wt. Lbs. Per Sq. Ft. | Type 5                            | Wt. Lbs. Per Sq. Ft. |
| 3/4 x 1/8     | 8G21                    | 4.00                 | 8GS21  | 4.64                 | 8G27                      | 4.96                 | 8GS27  | 5.60                 | 8G36                              | 6.40                 |
| 3/4 x 3/16    | G21                     | 5.68                 | GS21   | 6.32                 | G27                       | 7.12                 | GS27   | 7.76                 | G36                               | 9.28                 |
| 1 x 1/8       | 8J21                    | 5.10                 | 8JS21  | 5.74                 | 8J27                      | 6.38                 | 8JS27  | 7.02                 | 8J36                              | 8.29                 |
| 1 x 3/16      | J21                     | 7.36                 | JS21   | 8.00                 | J27                       | 9.28                 | JS27   | 9.92                 | J36                               | 12.16                |
| 1 1/4 x 1/8   | 8L21                    | 6.20                 | 8LS21  | 6.84                 | 8L27                      | 7.79                 | 8LS27  | 8.43                 | 8L36                              | 10.18                |
| 1 1/4 x 3/16  | L21                     | 9.04                 | LS21   | 9.68                 | L27                       | 11.44                | LS27   | 12.08                | L36                               | 15.04                |
| 1 1/2 x 1/8   | 8N21                    | 7.36                 | 8NS21  | 8.00                 | 8N27                      | 9.28                 | 8NS27  | 9.92                 | 8N36                              | 12.16                |
| 1 1/2 x 3/16  | N21                     | 11.08                | NS21   | 12.07                | N27                       | 13.96                | NS27   | 14.95                | N36                               | 18.28                |
| 1 3/4 x 3/16  | O21                     | 12.76                | OS21   | 13.75                | O27                       | 16.12                | OS27   | 17.11                | O36                               | 21.16                |
| 2 x 3/16      | P21                     | 14.44                | PS21   | 15.43                | P27                       | 18.28                | PS27   | 19.27                | P36                               | 24.04                |
| 2 1/4 x 3/16  | Q21                     | 16.01                | QS21   | 17.01                | Q27                       | 20.30                | QS27   | 21.30                | Q36                               | 26.74                |
| 2 1/2 x 3/16  | R21                     | 17.69                | RS21   | 18.69                | R27                       | 22.46                | RS27   | 23.46                | R36                               | 29.62                |

Chapin & Bangs has in stock **Type 1 – 3' x 20' panels**

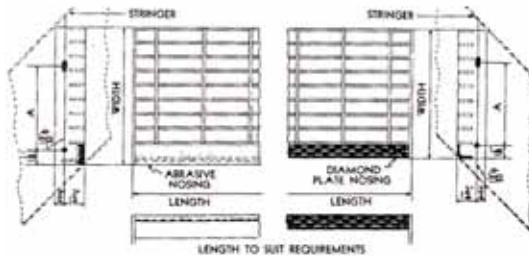
1/8 x 1 ■ 3/16 x 1 ■ 3/16 x 1 1/4 ■ 3/16 x 1 1/2



## Electroforged Steel Stair Treads

Electroforged Stair Treads are designed for tremendous strength against impact. They are usually manufactured using a diamond plate nosing. This nosing is made to withstand abuse, particularly that given to treads when buildings are under construction. It defines the edge of each tread because of the very definite contrast between the diamond plate nosing and the grating. For particularly slippery conditions, serrated treads can be furnished.

Electroforged treads can be manufactured in low alloy steels and certain types of stainless steel.



## Standard Sizes and Specifications of Stair Treads - 21 Bar Type

| Abrasive  | Diamond Plate | Type "J" - 13/16" Bars |                       |        |
|-----------|---------------|------------------------|-----------------------|--------|
| Width     | Width         | Min. Length            | Suggested Max. Length | A      |
| 6 3/16"   | 6 1/8"        | 16"                    | 30"                   | 2 1/2" |
| 7 3/8"    | 7 3/8"        | 16"                    | 30"                   | 4 1/2" |
| 8 9/16"   | 8 1/2"        | 16"                    | 36"                   | 4 1/2" |
| 9 3/4"    | 9 11/16"      | 16"                    | 36"                   | 7"     |
| 10 15/16" | 10 7/8"       | 16"                    | 36"                   | 7"     |
| 7 3/8"    | 7 5/16"       | 20"                    | 40"                   | 4 1/2" |
| 8 9/16"   | 8 1/2"        | 20"                    | 40"                   | 4 1/2" |
| 9 3/4"    | 9 11/16"      | 20"                    | 40"                   | 7"     |
| 10 15/16" | 10 7/8"       | 20"                    | 46"                   | 7"     |
| 12 1/8"   | 12 1/16"      | 20"                    | 46"                   | 7"     |

**Chapin & Bangs** offers job estimating services and custom fabrication of grating to fit your special requirements.

Also available - Aluminum Grating and Stair Treads in standard and close rectangular mesh types.

## Serrated Grating Grip Strut®

| Code Number | Width in Inches                | Depth in Inches               | Gauge | Number of Diamonds | Lengths in Ft. |
|-------------|--------------------------------|-------------------------------|-------|--------------------|----------------|
| 21514       | 4 <sup>3</sup> / <sub>4</sub>  | 1 <sup>1</sup> / <sub>2</sub> | #14   | 2                  | 10 & 12        |
| 31514       | 7                              | 1 <sup>1</sup> / <sub>2</sub> | #14   | 3                  | 10 & 12        |
| 41514       | 9 <sup>1</sup> / <sub>2</sub>  | 1 <sup>1</sup> / <sub>2</sub> | #14   | 4                  | 10 & 12        |
| 41512       | 9 <sup>1</sup> / <sub>2</sub>  | 1 <sup>1</sup> / <sub>2</sub> | #12   | 4                  | 10 & 12        |
| 51514       | 11 <sup>3</sup> / <sub>4</sub> | 1 <sup>1</sup> / <sub>2</sub> | #14   | 5                  | 10 & 12        |
| 51512       | 11 <sup>3</sup> / <sub>4</sub> | 1 <sup>1</sup> / <sub>2</sub> | #12   | 5                  | 10 & 12        |
| 52012       | 11 <sup>3</sup> / <sub>4</sub> | 2                             | #12   | 5                  | 10 & 12        |
| 81514       | 18 <sup>3</sup> / <sub>4</sub> | 1 <sup>1</sup> / <sub>2</sub> | #14   | 8                  | 10 & 12        |
| 81512       | 18 <sup>3</sup> / <sub>4</sub> | 1 <sup>1</sup> / <sub>2</sub> | #12   | 8                  | 10 & 12        |
| 82012       | 18 <sup>3</sup> / <sub>4</sub> | 2                             | #12   | 8                  | 10' & 12       |
| 102014      | 24                             | 2                             | #14   | 10                 | 10 & 12        |
| 102012      | 24                             | 2                             | #12   | 10                 | 10 & 12        |
| 103012      | 24                             | 3                             | #12   | 10                 | 10 & 12        |
| 104514 U    | 24                             | 4 <sup>1</sup> / <sub>2</sub> | #14   | 10                 | 10 & 12        |
| 104512 U    | 24                             | 4 <sup>1</sup> / <sub>2</sub> | #12   | 10                 | 10 & 12        |

Additional Sizes Available – Inquire