



HOW TO SELECT E EYELETS

1. DETERMINE GRIP. Eyelet grip is the thickness which can be held between the flange and the setting and will vary with the materials being eyeleted. Maximum grips listed in the chart are based on test settings made in metal panels and are intended only as a guide for your use. It is recommended that sample settings be made for each new application. To determine the grip, measure the total thickness of the materials to be eyeleted. Locate the corresponding grip in the chart. Reading to the right will identify the various standard E Eyelets which will provide the desired grip.

Example: Assume the material(s) to be eyeleted have a total work thickness of .175". Reading vertically down the DESIRED GRIP column locate the nearest standard grip figure which is .176". Now reading horizontally to the right, identify the various E Eyelets which will provide the required grip, that is E27, E38, E48, E58, E68, E78 and E88.

2. DETERMINE EYELET SIZE. With a possible selection of three or more eyelet sizes available for a given grip, the function of the eyelet will help determine the eyelet diameter to be used. Will the eyelet be subjected to tensile or shear stresses, is the size of the hole to receive the eyelet already established, is the inside diameter critical because something will be passed through the eyelet, or will the eyelet be used as a decoration and size becomes an aesthetic decision?

3. DETERMINE WORKING DIMENSIONS. The chart on page M49 graphically depicts 66 standard E Eyelets. Eyelet dimensions and required hole sizes are all identified for your convenience.

| DESIRED GRIP | E EYELET SIZES | | | | | | |
|--------------|----------------|------|------|------|------|------|------|
| .020 | E-22 | | | | | | |
| .035 | E-23 | E-33 | E-43 | E-53 | E-63 | E-73 | E-83 |
| .040 | | | | | | E-74 | E-84 |
| .045 | | | | | | | |
| .051 | E-24 | E-34 | E-44 | E-54 | E-64 | E-75 | E-85 |
| .067 | | | | | | | |
| .072 | | | | | | | |
| .077 | | | | | | | |
| .082 | E-25 | E-35 | E-45 | E-55 | E-65 | E-76 | E-86 |
| .098 | | | | | | | |
| .103 | | | | | | | |
| .108 | E-26 | E-36 | E-46 | E-56 | E-66 | E-77 | E-87 |
| .113 | | | | | | | |
| .129 | | | | | | | |
| .134 | | | | | | | |
| .139 | E-27 | E-37 | E-47 | E-57 | E-67 | E-78 | E-88 |
| .144 | | | | | | | |
| .161 | | | | | | | |
| .166 | E-28 | E-38 | E-48 | E-58 | E-68 | E-79 | E-89 |
| .171 | | | | | | | |
| .176 | | | | | | | |
| .192 | | | | | | | |
| .197 | E-29 | E-39 | E-49 | E-59 | E-69 | E-70 | E-80 |
| .202 | | | | | | | |
| .223 | | | | | | | |
| .228 | E-30 | E-40 | E-50 | E-60 | E-70 | E-80 | E-90 |
| .233 | | | | | | | |
| .254 | | | | | | | |
| .259 | | | | | | | |
| .264 | E-31 | E-41 | E-51 | E-61 | E-71 | E-81 | E-91 |
| .286 | | | | | | | |
| .290 | | | | | | | |
| .291 | E-32 | E-42 | E-52 | E-62 | E-72 | E-82 | E-92 |
| .296 | | | | | | | |
| .317 | | | | | | | |
| .322 | | | | | | | |
| .328 | E-33 | E-43 | E-53 | E-63 | E-73 | E-83 | E-93 |
| .348 | | | | | | | |
| .353 | | | | | | | |

EYELETING DIES FOR BRASS EYELETS

DIES WITH 5/16" ARBORS.

| Die Set No. | For Eyelet Dia. |
|-------------|-----------------|
| T-234-2 | 2/32" (.059") |
| T-234-3 | 3/32" (.089") |
| T-234-4 | 4/32" (.121") |
| T-234-5 | 5/32" (.152") |
| T-234-6 | 6/32" (.183") |
| T-234-7 | 7/32" (.215") |
| T-234-8 | 8/32" (.246") |

DIES WITH 5/16" ARBORS, AND 3/8" ADAPTERS.

| Die Set No. | For Eyelet Dia. |
|-------------|-----------------|
| T-211 | 2/32" (.059") |
| T-212 | 3/32" (.089") |
| T-213 | 4/32" (.121") |
| T-214 | 5/32" (.152") |
| T-215 | 6/32" (.183") |
| T-216 | 7/32" (.215") |
| T-217 | 8/32" (.246") |

Sold in Complete Sets Only.— (Top and Bottom Dies)

Die sets T-211 to T-217 may be used with

876-830
Hand Press.
(Dies not included.)



SPAENAUR No. 876-830

Priced Singly

Accepts Dies having 3/8" Shank Dia.

Complete Hand Press information on page M41.

ARBOR ADAPTERS — Priced Singly
T-194A-M (Male) Converts 5/16" to 3/8"
T-194A-F (Female) Converts 5/16" to 3/8"
P.C. 104, 876

CATALOG 13