## Machinery Eyebolts

Drop-forged carbon steel is heat-treated after forging. Angular lifts will significantly lower working load limits and should be avoided. Loads are based on a safety factor of 5 to 1 .

| Thread | Working | Shank |  | Item |
| :---: | :---: | :---: | :---: | :---: |
| Size | Limit | Length Eye I.D. Eye O.D. | Finish | No. |
| With Shour | ulder |  |  |  |



| $21,000 \mathrm{lb}$ | $31 / 2$ in | $2^{1 / 2}$ in | $53 / 16$ in | $5^{3 / 16}$ in |
| :---: | :---: | :---: | :---: | :---: |
| Galvanized $19 \mathrm{LOP9}$ |  |  |  |  |
| $28,000 \mathrm{lb} 33 / 4$ in | $27 / 8$ in | $61 / 16$ in | Plain | 3JWP4 |


| $13 / 4 "-5$ | 000 |  | in | $61 / 16$ in | Plain |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 000 1 | 3/4 in | $27 / 8$ in | $61 / 16$ in | P Plat | 19L061 |
|  | 28,000 lb | $3 / 4$ in | $27 / 8$ in | $61 / 16$ in | Galvanized | $19 \mathrm{LO90}$ |
| 2"-4 1/2 | $38,000 \mathrm{lb}$ | 4 in | $31 / 4$ in | $67 / 8$ in | Plain | 3JWP5 |
|  | 38,000 lb | 4 in | $31 / 4$ in | $67 / 8$ in | Galvanized | 19L091 |
| $21 / 2^{1 /-4}$ | $56,000 \mathrm{lb}$ | 5 in | 4 in | $89 / 16$ in | Plain | P |
| M7-1.00 | 370 | 28.5 | 22 mm | 36.5 mm | Plain | 99 |
| M14-2.00 1,600 lb |  |  | 33 | 58.0 mm | Plain | 3XTD4 |
| M24-3.00 |  | 63. | 46 mm | 90.4 mm | Pain | JWX3 |
| M30-3.5 | $6,400 \mathrm{lb}$ |  |  |  |  |  |
|  | , | 89 mm |  | 12.7 | in |  |
| $\frac{\text { M42-4.50 }}{\text { M45-4.50 }}$ | 1,960 lb | 95 mm |  | 152.4 | Plain | 3JWX4 |
|  | 2,720 lb | m |  | 152.4 | Plain | 3JWX5 |
| M48-5.00 16,400 lb |  |  | 82 | 4.6 mm | lain | JW |
| M52-5.00 16,400 lb |  | 101.6 |  | m | Plain | JWX7 |
|  |  |  |  |  |  |  |
| M64-6.0024,458 lb |  |  |  |  |  |  | Steel,



| $5 / 16 "-18$ | 900 lb | $11 / 8$ in $7 / 8$ in | $17 / 16$ in | Plain | $35 Z 449$ |
| :--- | :--- | :--- | :--- | :--- | :--- |


| 5/10 | 900 lb | $11 / 8$ in | 7/8 in | 17/16 in | Zinc Plated 35Z462 |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $1,300 \mathrm{lb}$ | $11 / 4$ in | 1 in | $1^{11 / 16}$ in | Plain 357444 |



| 1/2"-13 | 2,400 | $1 / 2$ in | 3/16 in | $21 / 16$ in | Plain | 19 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2,400 lb | 3 in | $13 / 16$ in | $21 / 16$ in | Plain | 19L164 |
|  | 2,200 lb | $31 / 4$ in | 1 in | 2 in | Plain | 19 L 199 |
| $3 / 4$ "-10 | $5,200 \mathrm{lb}$ | 12 in | $11 / 2$ in | $2^{13 / 16}$ in | Plain | 19L206 |
| $11 / 2{ }^{\prime \prime}-6$ | 2,000 lb | 6 in | $21 / 2$ in | $53 / 16$ in | Plain | 19 L 213 |

## Stee, Ken Forging

$5 / 16^{"-18} \quad 900 \mathrm{lb} \quad 4$ in $\quad 3 / 4$ in $13 / 16$ in Plain $19 \mathrm{LO4}$ $\frac{1,300 \mathrm{lb}}{1,4 \text { in }} 10$ in $121 / 3$ in $\quad$ Plain $19 \mathrm{LO46}$ $\begin{array}{llll}1,300 \mathrm{lb} & 61 / 2 \text { in } & 1 \text { in } & 121 / 32 \text { in } \\ 121 / 32 \text { in Zinc Plated 19L047 }\end{array}$
 $1,300 \mathrm{lb} 3 / 4 \mathrm{in} 1$ in $1^{121 / 32}$ in Galvanized 19 L 078 $1,480 \mathrm{lb} 11 / 4 \mathrm{in} 1 \mathrm{in} \quad 1^{21 / 32}$ in Plain 19L106 $7 / 16^{"}-14 \frac{1,800 \mathrm{lb}}{183 / 8 \text { in } 13 / 32 \text { in } 1^{27 / 32} \text { in Zinc Plated 3ZHD5 }}$ $2,400 \mathrm{lb} 4$ in $13 / 16$ in $21 / 16$ in $\quad$ Plain 19 LO 048

$1 / 2$ "-13 $\quad 2,400 \mathrm{lb} 4^{1 / 2}$ in $1^{3 / 16}$ in $2^{1 / 16}$ in Zinc Plated 19L069
$\square$
 $\begin{array}{lllll}\begin{array}{llll}2,400 \mathrm{lb} & 1 \text { in } & 13 / 16 \text { in } & 21 / 16 \text { in } \\ 2 & \text { Zinc Plated } 35 Z 472 \\ 2,1 / 16 \text { in } & \text { Plain } & 35 Z 473 \\ 2,400 \mathrm{lb} & 21 / 2 \text { in } & 13 / 16 \text { in } & 21 / 16 \text { in }\end{array} \text { Plain } & 35 Z 480\end{array}$ $11 / 4^{-7} \frac{15,000 \mathrm{lb}}{15,000} 3$ in $2^{3 / 16}$ in $4^{7 / 16}$ in Zinc Plated 3Z HF $5,000 \mathrm{lb} 3$ in $2^{3 / 16}$ in $4^{7 / 16}$ in Galvanized 19 L 088


| With Shoulder | Without <br> Shoulder |  |  |
| :---: | :---: | :---: | :---: |
| Working <br> Load |  |  | Shank <br> Thread <br> Size |
| Limit |  |  | Item |
| Length Eye I.D. Eye O.D. | Finish | No. |  | Without Shoulder


| 304 Stainless Steel, Ken Forging |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1/4"-20 | 500 lb | 1 in | $3 / 4$ in | $13 / 16$ in | Plain | $19 \mathrm{L129}$ |
| 5/16"-18 | 900 lb | $11 / 8$ in | 7/8 in | 17/16 in | Plain | 19 L 130 |
| 3/8"-16 | 1,300 lb | $11 / 4 \mathrm{in}$ | 1 in | $121 / 32$ in | Plain | 19 L 131 |
|  | $1,300 \mathrm{lb}$ | 3 in | 1 in | $1^{21 / 32}$ in | Plain | 19 L 157 |
|  | $1,300 \mathrm{lb}$ | 6 in | 1 in | $1{ }^{21 / 32}$ in | Plain | 19 L 158 |
| 1/2"-13 | 2,400 lb | $11 / 2$ in | $13 / 16$ in | $21 / 16$ in | Plain | 19 L 132 |
|  | $2,400 \mathrm{lb}$ | 3 in | $13 / 16$ in | $21 / 16$ in | Plain | 19 L 159 |
|  | 2,400 lb | 6 in | $13 / 16$ in | $21 / 16$ in | Plain | 19 L 160 |
| 5/8"-11 | $4,000 \mathrm{lb}$ | $13 / 4$ in | $13 / 8$ in | $21 / 2$ in | Plain | 19 L 133 | Steel, Ken Forging

 $\frac{1,300 \mathrm{lb} 11 / 4 \text { in } 1 \text { in } 1^{21 / 32} \text { in Zinc Plated } 3 Z G P 1}{1,300 \mathrm{lb}} 3$ in
$3 / 8 "-161,300 \mathrm{lb} 6$ in 1 in $1^{21 / 32}$ in Plain 19 L 056
$3 / 8-16 \quad 1,300 \mathrm{lb} 4^{1 / 2}$ in 1 in $1^{21 / 32}$ in Zinc Plated 19L068


$2,400 \mathrm{lb} 1^{1 / 2}$ in $13 / 16$ in $2^{1 / 16}$ in Zinc Plated $37 \mathrm{GP5}$ $2,400 \mathrm{lb} 2 \frac{1}{2}$ in $1^{3 / 16}$ in $21 / 16$ in Zinc Plated 3ZGP6 $1 / 2$ "-13 2400 lb 6 in $13 / 16$ in $21 / 16$ in Plain 191057
 $2,400 \mathrm{lb} 41 / 2$ in $13 / 16$ in $21 / 16$ in Zinc Plated 19L072 $2,400 \mathrm{lb} 1^{1 / 2}$ in $13 / 16$ in $21 / 16$ in Galvanized 19 LO 09 $9 / 16^{\prime \prime}-12 \quad 3,000 \mathrm{lb} 15 / 8$ in $19 / 32$ in $29 / 32$ in Plain 3XTF5 $\begin{array}{lll}16-12 & 3,000 \mathrm{lb} & 13 / 4 \text { in } 13 / 8 \text { in } 21 / 2 \text { in Zinc Plated 3ZGP9 } \\ 4,000\end{array}$ $\begin{array}{lll}4,000 \mathrm{lb} & 13 / 4 \text { in } & 13 / 8 \text { in } \\ 4,000 \mathrm{lb} & 21 / 2 \text { in } & 13 / 8 \text { in } \\ 21 / 2 & \text { in } & \text { Zinc Plated 3ZGP } \\ \text { Zinc Plated 3ZGR1 }\end{array}$ $\begin{array}{lcccc}4,000 \mathrm{lb} & 3 \text { in } & 13 / 8 \text { in } & 21 / 2 \text { in } & \text { Zinc Plated 3ZGR2 } \\ 4,000 \mathrm{lb} & 6 \text { in } & 13 / 8 \text { in } & 21 / 2 \text { in } & \text { Plain } 19 L 058\end{array}$

 $\begin{array}{llll}4,000 \mathrm{lb} & 4 \text { in } & 13 / 8 \text { in } & 21 / 2 \\ 4,000 \mathrm{lb} & 41 / 2 \text { in } & 13 / 8 \text { in } & 21 / 2 \text { in } \\ \text { Zinc Plated 19L076 Plated 19L076 }\end{array}$ $\begin{array}{lllll}4,000 \mathrm{lb} & 41 / 2 \text { in } & 13 / 8 \text { in } & 21 / 2 \text { in } & \text { Zinc Plated 19L076 } \\ 4,000 \mathrm{lb} & 13 / 4 \text { in } & 13 / 8 \text { in } & 2^{1 / 2} \text { in } & \text { Galvanized 19L095 }\end{array}$ $5,000 \mathrm{lb} \quad 2$ in $\quad 11 / 2$ in $2^{13 / 16}$ in Zinc Plated 3ZGR3 | $5,000 \mathrm{lb}$ | $2^{1 / 2}$ in | $1^{1 / 2}$ in | $2^{13 / 16}$ in Zinc Plated 3ZGR4 |
| :--- | :---: | :---: | :---: | :---: |
| $5,000 \mathrm{lb}$ | 6 in | $11 / 2$ in | $2^{13 / 16}$ in Plain 19 L 059 | Steel,

| $1 / 4-20$ | 500 lb | 1 in | $3 / 4$ in | $13 / 16$ in | Oxide $35 Z 44$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 500 lb | 1 in | $3 / 4$ in | $13 / 16$ in | Zinc Plated $35 Z 45$ |  |


| - | $11 / 4$ in | 1 in | $15 / 8$ in | Oxide | 357448 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| - | $21 / 2$ in | 1 in | $1{ }^{11 / 16}$ in | Oxide | $35 Z 453$ |

3/8"-16

| $2,400 \mathrm{lb}$ | $11 / 2$ in $13 / 16$ in | $2^{1 / 16}$ in | Oxide | $35 Z 466$ |
| :--- | :--- | :--- | :--- | :--- |
| $2,400 \mathrm{lb}$ | $21 / 2$ in $13 / 16$ in | $21 / 16$ in | Oxide | 357468 |


| $2,400 \mathrm{lb}$ | $21 / 2$ in | $13 / 16$ in | $2^{1 / 16}$ in | Oxide |
| :--- | :--- | :--- | :--- | :--- |
| $2,400 \mathrm{lb}$ | 3 in | $13 / 16$ in | $2^{1 / 16}$ in | Oxide |
| $35 Z 485$ |  |  |  |  |
| 13 |  |  |  |  |


$2,400 \mathrm{lb} 3$ in $13 / 16$ in $21 / 16$ in Zinc Plated $35 Z 490$ $2,400 \mathrm{lb} 1^{1 / 2}$ in $13 / 16$ in $2^{1 / 16}$ in Zinc Plated $35 Z 491$ $\begin{array}{llll}2,400 \mathrm{lb} & 21 / 2 \text { in } & 13 / 16 \text { in } & 21 / 16 \text { in } \\ 4,000 \mathrm{lb} & 3 \text { in } & 13 / 8 \text { in } & 21 / 2 \text { in Plated } 357513 \\ \text { Zinc Plated } 357483\end{array}$ $5 / 8$ "-11 |  | $4,000 \mathrm{lb}$ | $13 / 4$ in $13 / 8$ in | $21 / 2$ in | Oxide | 357504 |
| :--- | :--- | :--- | :--- | :--- | :--- | $\begin{array}{cccccc}4,000 \mathrm{lb} & 21 / 2 \text { in } & 13 / 8 \text { in } & 21 / 2 \text { in } & \text { Oxide } & 35 Z 545 \\ 4,000 \mathrm{lb} & 3 \text { in } & 13 / 8 \text { in } & 21 / 2 \text { in } & \text { Oxide } & 35 \mathrm{Z} 548 \\ 5,000 \mathrm{lb} & 2 \text { in } & 11 / 2 \text { in } & 213 / 1 \text { in }^{2} & \text { Oxide } & 357484\end{array}$

 $3 / 4^{"-10}$| $5,000 \mathrm{lb}$ | $2^{1 / 2}$ in | $11 / 2$ in | $2^{13 / 16}$ in | Plain | $35 Z 509$ |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | 3 in | $11 / 2$ in | $2^{13 / 16}$ in | Oxide | $35 Z 546$ |



## Metric Lifting Eyebolts

For vertical lifting only.
Note: Eyebolts must always be tightened flush against bearing surface.

| Thread <br> Size | Shank <br> Length | Eye I.D. | Eye O.D. | Working <br> Load Limit | Item <br> No. | Pkg. <br> Qty. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Steel |  |  |  |  |  |  |
| $\mathrm{M} 6-1.00$ | 13 mm | 20 mm | 36.0 mm | 70 lb | 1ZU48 | 3 |
| $\mathrm{M} 8-1.25$ | 13 mm | 20 mm | 36.0 mm | 140 lb | 35 Z 542 | 3 |
| $\mathrm{M} 10-1.50$ | 17 mm | 25 mm | 45.0 mm | 230 lb | $35 \mathrm{Z552}$ | 3 |
| $\mathrm{M} 12-1.75$ | 20.5 mm | 30 mm | 54.0 mm | 339 lb | 35 Z 521 | 2 |
| $\mathrm{M} 16-2.00$ | 27 mm | 35 mm | 63.0 mm | $1,540 \mathrm{lb}$ | $35 \mathrm{Z547}$ | 2 |
| $\mathrm{M} 20-2.50$ | 30 mm | 40 mm | 72.0 mm | $1,197 \mathrm{lb}$ | $35 Z 505$ | 1 |


| Thread | Shank |  |  | Working | Item | Pkg. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Size | Length | Eye I.D. | Eye O.D. | Load Limit | No. | Qty. |
| M24-3.00 | 36 mm | 50 mm | 90.0 mm | 1,796 lb | $35 Z 512$ | 1 |
| M30-3.50 | 45 mm | 60 mm | 108.0 mm | $7,040 \mathrm{lb}$ | 357507 | 1 |
| M36-4.00 | 54 mm | 70 mm | 126.0 mm | $4,600 \mathrm{lb}$ | $35 Z 498$ | 1 |
| M42-4.50 | 63 mm | 80 mm | 147.0 mm | 6,300 lb | 38C901 | 1 |
| M48-5.00 | 68 mm | 90 mm | 168.0 mm | 8,600 lb | 38C902 | 1 |
| M64-6.00 | 90 mm | 110 mm | 208.0 mm | $16,000 \mathrm{lb}$ | 38 C 903 | 1 |
| 304 Stainless Steel |  |  |  |  |  |  |
| M8-1.25 | 13 mm | 20 mm | 36.0 mm | 140 lb | 357478 | 1 |
| M10-1.50 | 17 mm | 25 mm | 45.0 mm | 506 lb | 1ZU68 | 1 |
| M12-1.75 | 20.5 mm | 30 mm | 54.0 mm | 339 lb | 357479 | 1 |
| M16-2.00 | 27 mm | 35 mm | 63.0 mm | 1,540 lb | 1 ZU72 | 1 |
| M20-2.50 | 30 mm | 40 mm | 72.0 mm | 2,640 lb | 12 7 4 | 1 |

