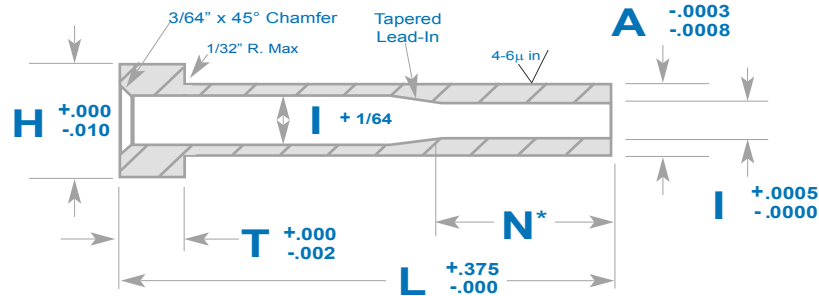


# Ejector Sleeves

- Annealed Heads
- H-13 Steel - Nitrided on both ID & OD
- Precision concentricity is held withing .002 TIR or less at working end
- ID is precision honed
- Available in 3" overall length for use as Ejector Pin Bushings



\*N = 1-3/4" for (O)ES093 and (O)ES125  
 \*N = 2-1/4" for (O)ES156 and larger

| Inside Dia<br>I | Outside Dia<br>A | Head Dia<br>H | Head Thick<br>T | L = Overall Length |         |         |         |         |         |         |         |         |         |  |
|-----------------|------------------|---------------|-----------------|--------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|
|                 |                  |               |                 | 3"                 | 4"      | 5"      | 6"      | 7"      | 8"      | 9"      | 10"     | 11"     | 12"     |  |
| 3/32            | 3/16             | 3/8           | 3/16            | ES09303            | ES09304 | ES09305 | ES09306 | ES09307 |         |         |         |         |         |  |
| 1/8             | 7/32             | 13/32         | 3/16            | ES12503            | ES12504 | ES12505 | ES12506 | ES12507 | ES12508 | ES12509 | ES12510 |         |         |  |
| 5/32            | 1/4              | 7/16          | 3/16            | ES15603            | ES15604 | ES15605 | ES15606 | ES15607 | ES15608 | ES15609 | ES15610 | ES15611 | ES15612 |  |
| 3/16            | 5/16             | 1/2           | 1/4             | ES18703            | ES18704 | ES18705 | ES18706 | ES18707 | ES18708 | ES18709 | ES18710 | ES18711 | ES18712 |  |
| 7/32            | 11/32            | 9/16          | 1/4             | ES21803            | ES21804 | ES21805 | ES21806 | ES21807 | ES21808 | ES21809 | ES21810 | ES21811 | ES21812 |  |
| 1/4             | 3/8              | 5/8           | 1/4             | ES25003            | ES25004 | ES25005 | ES25006 | ES25007 | ES25008 | ES25009 | ES25010 | ES25011 | ES25012 |  |
| 5/16            | 7/16             | 11/16         | 1/4             | ES31203            | ES31204 | ES31205 | ES31206 | ES31207 | ES31208 | ES31209 | ES31210 | ES31211 | ES31212 |  |
| 3/8             | 1/2              | 3/4           | 1/4             | ES37503            | ES37504 | ES37505 | ES37506 | ES37507 | ES37508 | ES37509 | ES37510 | ES37511 | ES37512 |  |
| 7/16            | 5/8              | 7/8           | 1/4             | ES43703            | ES43704 | ES43705 | ES43706 | ES43707 | ES43708 | ES43709 | ES43710 | ES43711 | ES43712 |  |
| 1/2             | 11/16            | 15/16         | 1/4             | ES50003            | ES50004 | ES50005 | ES50006 | ES50007 | ES50008 | ES50009 | ES50010 | ES50011 | ES50012 |  |
| 9/16            | 3/4              | 1             | 1/4             | ES56203            | ES56204 | ES56205 | ES56206 | ES56207 | ES56208 | ES56209 | ES56210 | ES56211 | ES56212 |  |
| 5/8             | 7/8              | 1-1/8         | 1/4             | ES62503            | ES62504 | ES62505 | ES62506 | ES62507 | ES62508 | ES62509 | ES62510 | ES62511 | ES62512 |  |
| 3/4             | 1                | 1-1/4         | 1/4             | ES75003            | ES75004 | ES75005 | ES75006 | ES75007 | ES75008 | ES75009 | ES75010 | ES75011 | ES75012 |  |

## Oversize +.005 on O.D.

| Inside Dia<br>I | Outside Dia<br>A | Head Dia<br>H | Head Thick<br>T | L = Overall Length |          |          |          |          |          |          |          |          |          |  |
|-----------------|------------------|---------------|-----------------|--------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
|                 |                  |               |                 | 3"                 | 4"       | 5"       | 6"       | 7"       | 8"       | 9"       | 10"      | 11"      | 12"      |  |
| 3/32            | .1925            | 3/8           | 3/16            | OES09303           | OES09304 | OES09305 | OES09306 | OES09307 |          |          |          |          |          |  |
| 1/8             | .2238            | 13/32         | 3/16            | OES12503           | OES12504 | OES12505 | OES12506 | OES12507 |          |          |          |          |          |  |
| 5/32            | .2550            | 7/16          | 3/16            |                    | OES15604 | OES15605 | OES15606 | OES15607 | OES15608 | OES15609 | OES15610 | OES15611 | OES15612 |  |
| 3/16            | .3175            | 1/2           | 1/4             |                    | OES18704 | OES18705 | OES18706 | OES18707 | OES18708 | OES18709 | OES18710 | OES18711 | OES18712 |  |
| 1/4             | .3800            | 5/8           | 1/4             |                    | OES25004 | OES25005 | OES25006 | OES25007 | OES25008 | OES25009 | OES25010 | OES25011 | OES25012 |  |
| 5/16            | .4425            | 11/16         | 1/4             |                    | OES31204 | OES31205 | OES31206 | OES31207 | OES31208 | OES31209 | OES31210 | OES31211 | OES31212 |  |
| 3/8             | .5050            | 3/4           | 1/4             |                    | OES37504 | OES37505 | OES37506 | OES37507 | OES37508 | OES37509 | OES37510 | OES37511 | OES37512 |  |