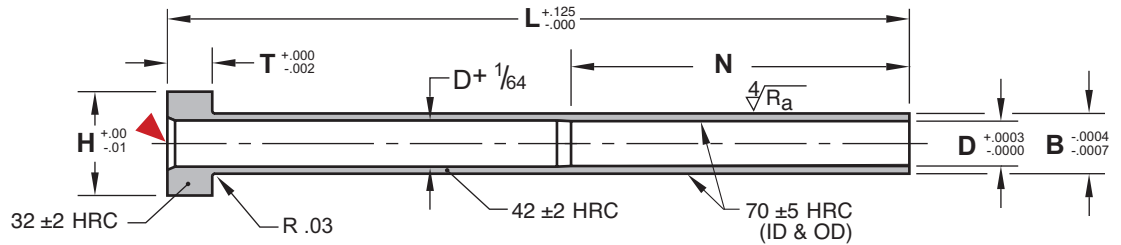


EJECTOR SLEEVES

INCH STANDARD



General Dimensions

N=1-7/8" for ES094 & ES125 T=.187" for ES094 thru ES156
 N=2-3/8" for ES156 and larger T=.250" for ES187 and larger

M H-13 **H** Core: 40-44 HRC, Surface: 65-75 HRC

D Nom. I.D.	B O.D.	H Head Dia.	L=3"	L=4"	L=5"	L=6"	L=7"	L=8"	L=9"	L=10"	L=11"	L=12"	L=13"	L=14"
3/32	.1875	.37	ES094L3	ES094L4	ES094L5	ES094L6	ES094L7	ES094L8	ES094L9	ES094L10	ES094L11	—	—	—
1/8	.2187	.40	ES125L3	ES125L4	ES125L5	ES125L6	ES125L7	ES125L8	ES125L9	ES125L10	ES125L11	—	—	—
5/32	.2500	.43	—	ES156L4	ES156L5	ES156L6	ES156L7	ES156L8	ES156L9	ES156L10	ES156L11	ES156L12	ES156L13	ES156L14
3/16	.3125	.50	—	ES187L4	ES187L5	ES187L6	ES187L7	ES187L8	ES187L9	ES187L10	ES187L11	ES187L12	ES187L13	ES187L14
7/32	.3437	.56	—	ES219L4	ES219L5	ES219L6	ES219L7	ES219L8	ES219L9	ES219L10	ES219L11	ES219L12	ES219L13	ES219L14
1/4	.3750	.62	—	ES250L4	ES250L5	ES250L6	ES250L7	ES250L8	ES250L9	ES250L10	ES250L11	ES250L12	ES250L13	ES250L14
5/16	.4375	.68	—	ES312L4	ES312L5	ES312L6	ES312L7	ES312L8	ES312L9	ES312L10	ES312L11	ES312L12	ES312L13	ES312L14
3/8	.5000	.75	—	ES375L4	ES375L5	ES375L6	ES375L7	ES375L8	ES375L9	ES375L10	ES375L11	ES375L12	ES375L13	ES375L14
7/16	.6250	.87	—	ES437L4	ES437L5	ES437L6	ES437L7	ES437L8	ES437L9	ES437L10	ES437L11	ES437L12	ES437L13	ES437L14
1/2	.6875	.93	—	ES500L4	ES500L5	ES500L6	ES500L7	ES500L8	ES500L9	ES500L10	ES500L11	ES500L12	ES500L13	ES500L14
9/16	.7500	1.00	—	ES562L4	ES562L5	ES562L6	ES562L7	ES562L8	ES562L9	ES562L10	ES562L11	ES562L12	ES562L13	ES562L14
5/8	.8750	1.12	—	ES625L4	ES625L5	ES625L6	ES625L7	ES625L8	ES625L9	ES625L10	ES625L11	ES625L12	ES625L13	ES625L14
3/4	1.0000	1.25	—	ES750L4	ES750L5	ES750L6	ES750L7	ES750L8	ES750L9	ES750L10	ES750L11	ES750L12	ES750L13	ES750L14

▶ CAD insertion point

EJECTOR SLEEVES

INCH STANDARD-EXTRA LENGTH SERIES

D Nom. I.D.	B O.D.	H Head Dia.	L=15"	L=16"	L=17"	L=18"
5/32	.2500	.43	ES156L15	ES156L16	ES156L17	ES156L18
3/16	.3125	.50	ES187L15	ES187L16	ES187L17	ES187L18
7/32	.3437	.56	ES219L15	ES219L16	ES219L17	ES219L18
1/4	.3750	.62	ES250L15	ES250L16	ES250L17	ES250L18
5/16	.4375	.68	ES312L15	ES312L16	ES312L17	ES312L18
3/8	.5000	.75	ES375L15	ES375L16	ES375L17	ES375L18
7/16	.6250	.87	ES437L15	ES437L16	ES437L17	ES437L18
1/2	.6875	.93	ES500L15	ES500L16	ES500L17	ES500L18
9/16	.7500	1.00	ES562L15	ES562L16	ES562L17	ES562L18
5/8	.8750	1.12	ES625L15	ES625L16	ES625L17	ES625L18
3/4	1.0000	1.25	ES750L15	ES750L16	ES750L17	ES750L18

General Dimensions (Extra Length Series)

N=2-3/8" for ES156
 N=2-3/4" for ES187 thru ES219
 N=3-1/4" for ES250 and larger
 T=.187" for ES156
 T=.250" for ES187 and larger

For mold-ready Sleeves, refer to the templates in section X.

Alternative configurations available:

- For sleeves that are .005" oversized on the outer diameter (B), add a -OS to the end of the part number. Ex. ES250L12-OS.
- Sleeves can be ordered with the Black Nitride treatment for better performance. To order, specify -BN at the end of the catalog number. Ex: ES437L7-BN.
- To achieve longer lengths, use Sleeve Extensions shown on page A-17.
- For Sleeves cut to length or keyed on the heads, refer to page A-1.