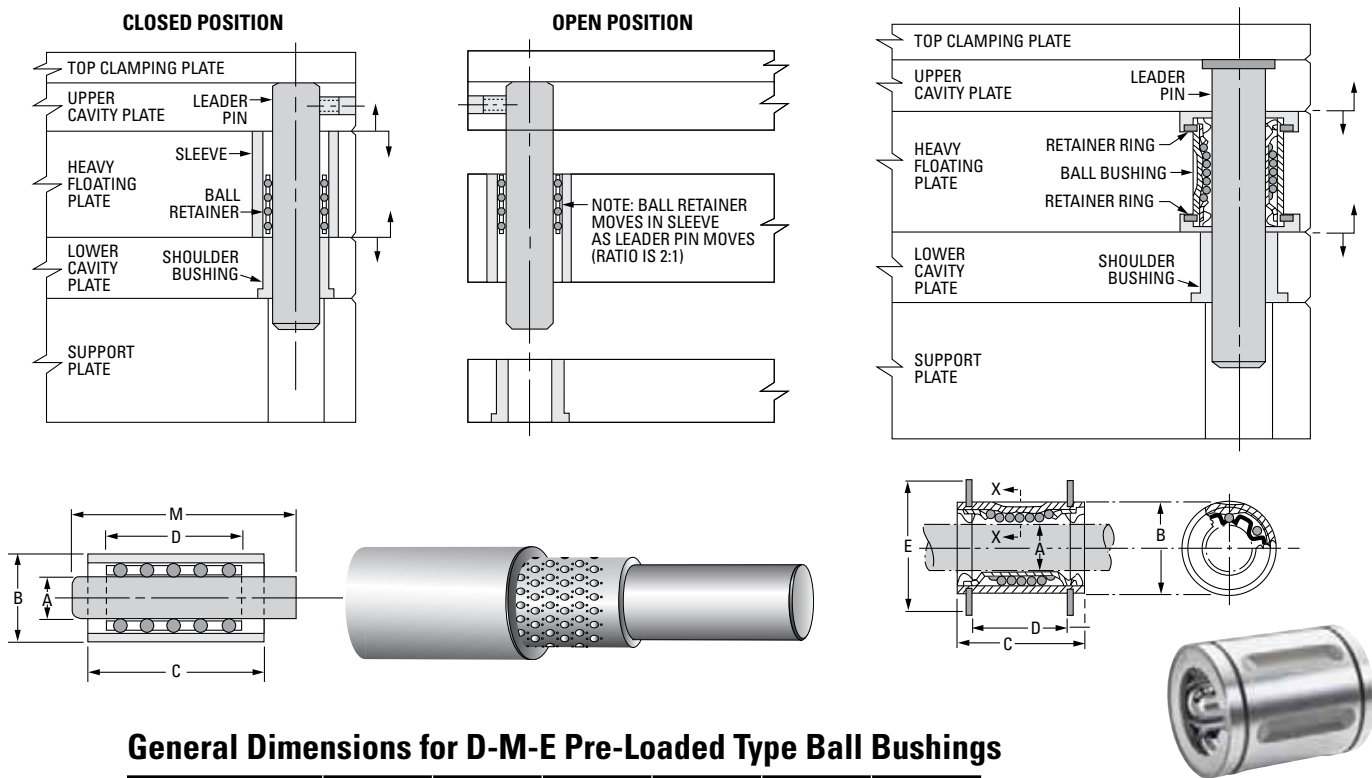


Ball Bushings for Floating Plates

Ball Bushings are a highly effective means of reducing frictional drag in floating plates within a mold. Multiple-opening molds, with heavy floating (X) plates, are the most frequent application for either Lineal type or Pre-Loaded type Ball Bushings.



General Dimensions for D-M-E Pre-Loaded Type Ball Bushings

NOMINAL SIZE	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"
A (PIN DIA.)	.753	1.003	1.253	1.503	1.753	2.003
B (BUSHING DIA.)	1.387	1.717	2.107	2.437	2.747	3.162
C (BUSHING LENGTH)	1 3/4 TO 6"	2" TO 7"	2 1/2 TO 9"	3" TO 12"	3" TO 13"	3" TO 14"
D (1/4 INCREMENT RETAINER LENGTH)	1 1/2" TO 2"	1 1/2 TO 2 1/4	2" TO 3"	2 1/2 TO 3 1/2	2 3/4 TO 4"	3 1/4 TO 4 1/4
M (PIN LENGTH)	3" TO 6"	3 3/4 TO 9"	4 1/2 TO 12"	4 1/2 TO 14"	5" TO 17"	5 1/2 TO 18"

NOTES:
 Specifications shown are for D-M-E precision grade.
 Due to the larger O.D. of the bushing counterbore required, ball bushings cannot be installed in standard leader pin locations in the mold base assembly.

General Dimensions for Thomson Lineal Type Ball Bushings

BUSHING IT	A-122026	A-162536	A-203242	A-243848	A-324864
A (PIN DIA.)	.750	1.000	1.250	1.500	2.000
B (BUSHING DIA.)	1.250	1.5625	2.000	2.375	3.000
C (BUSHING LENGTH)	1.625	2.250	2.625	3.000	4.000
RETAINER RING ITEM NUMBER	W-750	W-1000	W-1250	W-1500	W-2000
D	1.062	1.625	1.875	2.250	3.000
E	1.620	2.040	2.500	2.910	3.600
COUNTERBORE DIA. (FOR RETAINER RING)	1.69	2.10	2.55	3.01	3.69

NOTES:
 Specifications shown are for Thomson precision series A.
 Two rings are required for each bushing.
 Due to the larger O.D. of the bushing counterbore required, ball bushings usually cannot be installed in standard leader pin locations in the mold base assembly.

THIS IS A SPECIAL ORDER ITEM ONLY.