



PRECISION BALL BEARING RETAINERS #AR1 FOR ROLLER BALL ASSEMBLIES

Lamina ball retainers (AR1) are made of a heat treated aluminum alloy that combines lightness and strength.

Each retainer is quality inspected for dimensional tolerance and all burrs are removed prior to ball insertion.

Ball bearings are of the highest quality AAA1 Grade (25 millionth class), continually inspected to meet our exacting tolerance.

After the ball bearings have been inserted into the retainer, they are then staked using Lamina's unique method that allows free movement with maximum security.

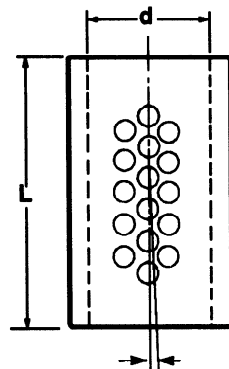
After staking, the retainers are then scrubbed to remove all metal particles that could cause accelerated tracking and grooving in the post and bushing.

Ball bearings are placed in retainers in an off-line radial pattern that offers optimum life in high or low speed presses.

Ball retainers are fastened to the guide post by means of a set screw and slot in guide post and are interchangeable with all other manufacturers using this method.



Radial Placement
reduces wear and
tracking



Nom Post Dia. d	Length L	Catalog Number
3/4"	1-1/2	AR1-0606
	1-3/4	AR1-0607
	2	AR1-0608
	2-1/4	AR1-0609
	*2-1/2	AR1-0610
1"	1-1/2	AR1-0806
	1-3/4	AR1-0807
	2	AR1-0808
	2-1/4	AR1-0809
	*2-1/2	AR1-0810
1-1/4"	2	AR1-1008
	2-1/4	AR1-1009
	2-1/2	AR1-1010
	2-3/4	AR1-1011
	3	AR1-1012
	*3-1/4	AR1-1013
1-1/2"	2-1/2	AR1-1210
	2-3/4	AR1-1211
	3	AR1-1212
	3-1/4	AR1-1213
	3-1/2	AR1-1214
	*3-3/4	AR1-1215
1-3/4"	2-3/4	AR1-1411
	3	AR1-1412
	3-1/4	AR1-1413
	3-1/2	AR1-1414
	3-3/4	AR1-1415
	4	AR1-1416
	*4-1/4	AR1-1417
2	3-1/4	AR1-1613
	3-1/2	AR1-1614
	3-3/4	AR1-1615
	4	AR1-1616
	4-1/4	AR1-1617
	*4-1/2	AR1-1618
2-1/2	5	AR1-2020
	5-1/2	AR1-2022
	6	AR1-2024
	6-1/2	AR1-2026
	*7	AR1-2028
3	5	AR1-2420
	6	AR1-2424
	*7	AR1-2428

An asterisk (*) designates that the retainer length is recommended for general die set applications. Lengths not marked with an asterisk are for limited space use and special applications.