

Ball Bearing Components & Agathon

Ball Bearing Retainers & Series 500 Assemblies



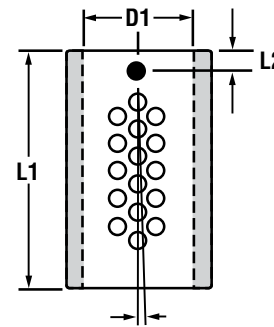
- Made with an optimum number of selected steel ball bearings and a rugged alloy sleeve, these retainers assure accurate die alignment and long life
- The balls are dimensioned for a preload rolling fit and arranged in a helical pattern so each ball has a separate linear path
- A set screw keys the retainer to a slot in the guide pin

Ball Bearing Retainers

DIECO Part #	D1	L1	L2
A13-0606	3/4	1.50	.250
A13-0607		1.75	.250
A13-0608		2.00	.250
A13-0609		2.25	.250
A13-0610		2.50	.250
AR1-0806		1	1.50
AR1-0807	1.75		.250
A13-0808	2.00		.250
A13-0809	2.25		.250
A13-0810	2.50		.250
AR1-1008	1 1/4		2.00
AR1-1009		2.25	.250
A13-1010		2.50	.250
AR1-1011		2.75	.250
A13-1012		3.00	.250
A13-1013		3.25	.250

DIECO Part #	D1	L1	L2	
A13-1210	1 1/2	2.50	.250	
A13-1211		2.75	.250	
A13-1212		3.00	.250	
A13-1213		3.25	.250	
A13-1214		3.50	.250	
A13-1215		3.75	.250	
AR1-1411		1 3/4	2.75	.250
AR1-1412			3.00	.250
AR1-1413			3.25	.250
AR1-1414			3.50	.250
AR1-1415			3.75	.250
AR1-1416			4.00	.250
A13-1417	2	4.25	.250	
AR1-1613		3.25	.250	
AR1-1614		3.50	.250	
AR1-1615		3.75	.250	
A13-1616		4.00	.250	
A13-1617		4.25	.250	
A13-1618	4.50	.250		
AR1-1622	5.50	.250		

DIECO Part #	D1	L1	L2	
AR1-2018	2 1/2	4.50	.313	
AR1-2020		5.00	.313	
AR1-2022		5.50	.313	
AR1-2024		6.00	.313	
AR1-2025		6.25	.313	
AR1-2026		6.50	.313	
A13-2028		7.00	.313	
AR1-2420		3	5.00	.313
AR1-2424			6.00	.313
A13-2428			7.00	.313



- Series 500 Ball Bearing Assemblies are designed for the pin to be installed in the die shoe
- All components are manufactured to the highest levels of quality and precision
- Bushings are precision ground on both ID and OD to close tolerances
- All assemblies use plain bearing press fit guide pins

PRODUCTO Series 500 Assemblies

DIECO Part #	Nominal Pin Dia.	O.D.	Max Stroke	Bushing #	Bushing Length	Max Stroke	Retainer #	Retainer Length
PD100.1875	1	1.875	2.25	BSH61-00600	3.437	2.25	60-08613	3.25
PD125.2125	1 1/4	2.125	2.75	BSH61-00601	3.937	2.75	60-08612	3.75
PD150.2625	1 1/2	2.625	2.75	BSH61-00602	4.187	2.75	60-08611	4.00



Swiss made precision guide components Metric / Inch

- Bushings
- Pillars
- Ball Cages
- Roller Cages

