

L-MOUNT SERIES: L21/L22/L44/L64

Load Range & MS Specifications

LOAD RANGES (L21/L22/L44 SERIES)	
Part #	Static Load/Isolator
L21 & L22-BA-0.5	0.38-0.54 lbs.
L21 & L22-BA-0.7	0.44-0.75 lbs.
L21 & L22-BA-1.0	0.56-1.00 lbs.
L21 & L22-BA-1.3	0.88-1.30 lbs.
L21 & L22-BA-2.0	1.20-2.00 lbs.
L21 & L22-BA-3.0	1.70-3.00 lbs.
L21 & L22-BA-4.0	2.50-4.00 lbs.
L44-AA-.5 & BA-.5	0.25-.50 lbs.
L44-AA-1 & BA-1	0.50-1.00 lbs.
L44-AA-2 & BA-2	1.0-2.0 lbs.
L44-AA-3 & BA-3	1.50-3.0 lbs.
L44-AA-4 & BA-4	2.0-4.0 lbs.
L44-AA-5 & BA-5	2.5-5.0 lbs.
L44-AA-10 & BA-10	5.0-10.0 lbs.
L64-AA-4, BA-4, CA-4 & DA-4	2.0-4.5 lbs.
L64-AA-6, BA-6, CA-6 & DA-6	3.0-6.0 lbs.
L64-AA-10, BA-10, CA-10 & DA-10	4.5-10.0 lbs.
L64-AA-12, BA-12, CA-12 & DA-12	6.25-12.5 lbs.
L64-AA-16, BA-16, CA-16 & DA-16	9.0-16.0 lbs.
L64-AA-20, BA-20, CA-20 & DA-20	10.0-20.0 lbs.
L64-AA-40, BA-40, CA-40 & DA-40	20.0-40.0 lbs.

L64 Series Load Range, "H" Dimension and MS Designation

**Military designation load ranges are tighter than Barry Standard*

Part #	*Load Range (lbs.)	*Military Designation	"H"
L64-AA-4	1.91-2.59	MS91418-2BAL	1.405
L64-BA-4	1.91-2.59	MS91418-2BAS	1.571
L64-CA-4	1.91-2.59	MS91418-2BAD	1.405
L64-DA-4	1.91-2.59	MS91418-2BAH	1.571
L64-AA-4	2.0-4.5	MS91418-2AAL	1.399
L64-BA-4	2.0-4.5	MS91418-2AAS	1.565
L64-CA-4	2.0-4.5	MS91527-2AAD	1.399
L64-DA-4	2.0-4.5	MS91527-2AAH	1.565
L64-AA-4	2.55-3.45	MS91418-2BBL	1.352
L64-BA-4	2.55-3.45	MS91418-2BBS	1.518
L64-CA-4	2.55-3.45	MS91527-2BBD	1.352
L64-DA-4	2.55-3.45	MS91527-2BBH	1.518
L64-AA-6	3.0-5.0	MS91418-2ABL	1.390
L64-BA-6	3.0-5.0	MS91418-2ABS	1.556
L64-CA-6	3.0-5.0	MS91527-2ABD	1.390
L64-DA-6	3.0-5.0	MS91527-2ABH	1.556
L64-AA-6	3.40-4.60	MS91418-2BCL	1.365
L64-BA-6	3.40-4.60	MS91418-2BCS	1.561
L64-CA-6	3.40-4.60	MS91527-2BCD	1.365
L64-DA-6	3.40-4.60	MS91527-2BCH	1.561
L64-AA-10	4.5-10.0	MS91418-2ACL	1.395
L64-BA-10	4.5-10.0	MS91418-2ACS	1.561
L64-CA-10	4.5-10.0	MS91527-2ACD	1.395
L64-DA-10	4.5-10.0	MS91527-2ACH	1.561
L64-AA-10	4.67-6.33	MS91418-2BDL	1.392
L64-BA-10	4.67-6.33	MS91418-2BDS	1.558
L64-CA-10	4.67-6.33	MS91527-2BDD	1.392
L64-DA-10	4.67-6.33	MS91527-2BDH	1.558
L64-AA-10	6.37-8.63	MS91418-2BEL	1.362
L64-BA-10	6.37-8.63	MS91418-2BES	1.528
L64-CA-10	6.37-8.63	MS91527-2BED	1.362
L64-DA-10	6.37-8.63	MS91527-2BEH	1.528
L64-AA-12	6.25-12.50	MS91418-2ADL	1.372
L64-BA-12	6.25-12.50	MS91418-2ADS	1.538
L64-CA-12	6.25-12.50	MS91527-2ADD	1.372
L64-DA-12	6.25-12.50	MS91527-2ADH	1.538
L64-AA-12	8.50-11.50	MS91418-2BFL	1.339
L64-BA-12	8.50-11.50	MS91418-2BFS	1.505
L64-CA-12	8.50-11.50	MS91527-2BFD	1.339
L64-DA-12	8.50-11.50	MS91527-2BFH	1.505
L64-AA-16	9.0-16.0		1.323
L64-BA-16	9.0-16.0		1.489
L64-CA-16	9.0-16.0		1.323
L64-DA-16	9.0-16.0		1.489
L64-AA-20	10.0-20.0	MS91418-2AEL	1.391
L64-BA-20	10.0-20.0	MS91418-2AES	1.557
L64-CA-20	10.0-20.0	MS91527-2AED	1.391
L64-DA-20	10.0-20.0	MS91527-2AEH	1.557
L64-AA-20	11.48-15.53	MS91418-2BGL	1.366
L64-BA-20	11.48-15.53	MS91418-2BGS	1.532
L64-CA-20	11.48-15.53	MS91527-2BGD	1.366
L64-DA-20	11.48-15.53	MS91527-2BGH	1.532
L64-BA-20	15.30-20.70	MS91418-2BHL	1.406
L64-DA-20	15.30-20.70	MS91527-2BHD	1.406
L64-AA-40	20.0-40.0		1.400
L64-BA-40	20.0-40.0		1.566
L64-CA-40	20.0-40.0		1.400
L64-DA-40	20.0-40.0		1.400

L-MOUNT SERIES: L21/L22/L44/L64

Load Range & MS Specifications

Load Range in Pounds	Military** Designation	Barry Type No.	Weight ounces	H dimension (tolerance $\pm .045$ ")		
				Under Min. rated load	Maximum extended*	Minimum compressed*
0.25 - 0.50	See note	L44-AA-1/2	1 7/16	1.371	1.632	0.975
0.25 - 0.50	See note	L44-BA-1/2	1 1/2	1.527	1.788	1.131
0.17 - 0.23	MS91418-1BAL MS91527-1BAD	L44-CA-1/2	1 7/16	1.395	1.594	0.937
0.17 - 0.23	MS91418-1BAS MS91527-1BAH	L44-BA-1/2	1 1/2	1.589	1.788	1.131
0.25 - 0.35	MS91418-1BBL MS91527-1BBD	L44-AA-1/2	1 7/16	1.392	1.632	0.975
0.25 - 0.35	MS91418-1BBS MS91527-1BBH	L44-BA-1/2	1 1/2	1.562	1.788	1.131
0.34 - 0.46	MS91418-1BCL MS91527-1BCD	L44-AA-1/2	1 7/16	1.347	1.632	0.975
0.34 - 0.46	MS91418-1BCS MS91527-1BCH	L44-BA-1/2	1 1/2	1.520	1.788	1.131
0.50 - 1.00	See note	L44-AA-1	1 7/16	1.389	1.632	0.975
0.50 - 1.00	See note	L44-BA-1	1 1/2	1.545	1.788	1.131
0.51 - 0.69	MS91418-1BDL MS91527-1BDD	L44-AA-1	1 7/16	1.395	1.632	0.975
0.51 - 0.69	MS91418-1BDS MS91527-1BDH	L44-BA-1	1 1/2	1.562	1.788	1.131
0.68 - 0.92	MS91418-1BEL MS91527-1BED	L44-AA-1	1 7/16	1.352	1.632	0.975
0.68 - 0.92	MS91418-1BES MS91527-1BEH	L44-BA-1	1 1/2	1.526	1.788	1.131
0.85 - 1.15	MS91418-1BFL MS91527-1BFD	L44-AA-1	1 7/16	1.342	1.632	0.975
0.85 - 1.15	MS91418-1BFS MS91527-1BFH	L44-BA-1	1 1/2	1.501	1.788	1.131
1.00 - 2.00	See note	L44-AA-2	1 7/16	1.404	1.632	0.975
1.00 - 2.00	See note	L44-BA-2	1 1/2	1.566	1.788	1.131
1.16 - 1.58	MS91418-1BGL MS91527-1BGD	L44-AA-2	1 7/16	1.376	1.632	0.975
1.16 - 1.58	MS91418-1BGS MS91527-1BGH	L44-BA-2	1 1/2	1.562	1.788	1.131
1.48 - 2.01	MS91418-1BHL MS91527-1BHD	L44-AA-2	1 7/16	1.335	1.632	0.975
1.48 - 2.01	MS91418-1BHS MS91527-1BHH	L44-BA-2	1 1/2	1.525	1.788	1.131
1.50 - 3.00	See note	L44-AA-3	1 1/2	1.404	1.632	0.975
1.50 - 3.00	See note	L44-BA-3	1 9/16	1.566	1.788	1.131
1.50 - 3.00	MS91418-1AAL MS91527-1AAD	L44-AA-3	1 1/2	1.404	1.632	0.975
1.50 - 3.00	MS91418-1AAS MS91527-1AAH	L44-BA-3	1 9/16	1.562	1.788	1.131
2.01 - 2.73	MS91418-1BJL MS91527-1BJD	L44-AA-3	1 1/2	1.346	1.632	0.975
2.01 - 2.73	MS91418-1BJS MS91527-1BJH	L44-BA-3	1 9/16	1.562	1.788	1.131
2.00 - 4.00	See note	L44-AA-4	1 1/2	1.401	1.632	0.975
2.00 - 4.00	See note	L44-BA-4	1 9/16	1.557	1.788	1.131
2.76 - 3.73	MS91418-1BKL MS91527-1BKD	L44-AA-4	1 1/2	1.349	1.632	0.975
2.76 - 3.73	MS91418-1BKS MS91527-1BKH	L44-BA-4	1 9/16	1.524	1.788	1.131
2.50 - 5.00	See note	L44-AA-5	1 1/2	1.393	1.632	0.975
2.50 - 5.00	See note	L44-BA-5	1 9/16	1.549	1.788	1.131
2.50 - 5.50	MS91418-1ABL MS91527-1ABD	L44-AA-5	1 1/2	1.393	1.632	0.975
2.50 - 5.50	MS91418-1ABS MS91527-1ABH	L44-BA-5	1 9/16	1.562	1.788	1.131
3.61 - 4.89	MS91418-1BLL MS91527-1BLD	L44-AA-5	1 1/2	1.338	1.632	0.975
3.61 - 4.89	MS91418-1BLS MS91527-1BLH	L44-BA-5	1 9/16	1.523	1.788	1.131
5.00 - 10.00	See note	L44-AA-10	1 1/2	1.395	1.632	0.975
5.00 - 10.00	See note	L44-BA-10	1 9/16	1.551	1.788	1.131
4.89 - 6.61	MS91418-1BML MS91527-1BMD	L44-AA-10	1 1/2	1.399	1.632	0.975
4.89 - 6.61	MS91418-1BMS MS91527-1BMH	L44-BA-10	1 9/16	1.562	1.788	1.131
6.58 - 8.91	MS91418-1BNL MS91527-1BND	L44-AA-10	1 1/2	1.379	1.632	0.975
6.58 - 8.91	MS91418-1BNS MS91527-1BNH	L44-BA-10	1 9/16	1.535	1.788	1.131
8.50 - 11.50	MS91418-1BOL MS91527-1BOD	L44-AA-10	1 1/2	1.343	1.632	0.975
8.50 - 11.50	MS91418-1BOS MS91527-1BOH	L44-BA-10	1 9/16	1.501	1.788	1.131

NOTE: All standard I44 Barrymounts have a 2-to-1 load range to meet performance requirements of Spec. MIL-C-172C and are designated -AA and -BA in table above. Other designations listed above are designed to meet Class B requirements of Spec. MIL-C-172C for specified load rating ($\pm 15\%$).
** Parts will not be stamped with military designation unless specifically requested.
* Under 15-times maximum rated load.