

Japanese Tanks and Armored Vehicle List

Type 94/92 Tankette				
Location	Front	Side	Rear	
10 Turret	1	.5	.5	
9 Turret	1	.5	.5	
8 Turret	1	.5	.5	
7 Hull	1	.5	.5	
6 Hull	1.5	.5	.5	
5 Hull	<u>3</u>	.5	.5	
4 Track	.5	.5^1	.5	
3 Hull	<u>2</u>	.5	.5	
2 Hull	1	.5	.5	
1 Track	.5	.5	.5	
Top	T .5	D .5		
6.5mm MG		size -2	f+1	
Speed:125/245		R M	'34	

Type 97 Te-Ke				
Location	Front	Side	Rear	
10 Turret	1	1	.5	
9 Turret	1.5	1	.5	
8 Turret	1	1	.5	
7 Hull	1	1	.5	
6 Hull	1.5	1	.5	
5 Hull	<u>3</u>	.5	.5	
4 Track	.5	.5^1	.5	
3 Hull	<u>2</u>	.5	.5	
2 Hull	1	.5	.5	
1 Track	.5	.5	.5	
Top	T .5	D .5		
37/L36.7 T94 (4)		size -1	f+1	
Speed:125/245		R M	'38	

Type 95 Ha-Go (Kyu-go)				
Location	Front	Side	Rear	
10 Turret	1.5	1.5	1.5	
9 Turret	1.5	1.5	1.5	
8 Turret	1.5	1.5	1.5	
7 Hull	1.5	1.5	.5	
6 Hull	1.5	1.5	.5	
5 Hull	<u>3</u>	1	.5	
4 Track	1	1^2	1	
3 Hull	<u>3</u>	1	.5	
2 Hull	1.5	.5	.5	
1 Track	1	1	1	
Top	T 1	D .5	C 2	
37/L36.7 T98 (4)		size -1	f+1	
Speed: 135/270		R M	'35	

Type 95-3 Ke-Ri				
Location	Front	Side	Rear	
10 Turret	1.5	1.5	1.5	
9 Turret	1.5	1.5	1.5	
8 Turret	1.5	1.5	1.5	
7 Hull	1.5	1.5	.5	
6 Hull	1.5	1.5	.5	
5 Hull	<u>3</u>	1	.5	
4 Track	1	1^2	1	
3 Hull	<u>3</u>	1	.5	
2 Hull	1	.5	.5	
1 Track	1	1	1	
Top	T 1	D .5	C 2	
57/L18 (4)		size -1	f+1	
Speed:120/240		R M	'43	

Type 98 Ken-Ni				
Location	Front	Side	Rear	
10 Turret	1	1	1	
9 Turret	1.5	1.5	1.5	
8 Turret	1.5	1	1	
7 Hull	1	1.5	1.5	
6 Hull	1.5	1.5	1.5	
5 Hull	<u>2</u>	1	1	
4 Track	1	1^2	1	
3 Hull	<u>2</u>	1	1	
2 Hull	1	1	1	
1 Track	1	1	1	
Top	T .5	D .5		
37/L36.7 T98 (4)		size -1	f+1	
Speed: 170/340		R M	'38	

Type 89A Chi-Ro				
Location	Front	Side	Rear	
10 Turret	1.5	1.5	1.5	
9 Turret	1.5	1.5	1.5	
8 Turret	1.5	1.5	1.5	
7 Hull	1.5	1.5	1.5	
6 Hull	1.5	1.5	1.5	
5 Hull	1.5	1.5	1.5	
4 Track	1.5	1.5^3	1.5	
3 Hull	1.5	1.5s^4	1.5	
2 Hull	1.5	1.5s^4	1.5	
1 Track	1.5	1.5	1.5	
Top	T 1.5	D 1.5		
57/L15 T90 (6)		size 0		
Speed: 75/145		R M	'29	

Type 89B Chi-Ro				
Location	Front	Side	Rear	
10 Turret	1.5	1.5	1.5	
9 Turret	2	1.5	1.5	
8 Turret	1.5	1.5	1.5	
7 Hull	1.5	1.5	1.5	
6 Hull	3	1.5	1.5	
5 Hull	3	1.5	1.5	
4 Track	1.5	1.5^3	1.5	
3 Hull	2	1.5s^4	1.5	
2 Hull	2	1.5s^4	1.5	
1 Track	1.5	1.5	1.5	
Top	T 1.5	D 1.5	C 2r	
57/L15 T90 (6)		size 0		
Speed: 80/160		R M	'29	

Type 2 Ka-Mi				
Location	Front	Side	Rear	
10 Turret	1.5	1	1	
9 Turret	1.5	1	1	
8 Turret	1.5	1	1	
7 Hull	1.5	1	1	
6 Hull	1.5	1	1	
5 Hull	<u>3</u>	1	1	
4 Track	1.5	1.5^2	1.5	
3 Hull	<u>3</u>	1	1	
2 Hull	1.5	1	1	
1 Track	1.5	1.5	1.5	
Top	T 1.5	D .5		
37/L46 T1 (4)		size 0		
Speed: 115/230		R M	'29	

Type 97 Chi-Ha				
Location	Front	Side	Rear	
10 Turret	3	3	1.5	
9 Turret	3	3	1.5	
8 Turret	3	3	1.5	
7 Hull	3	1.5	1	
6 Hull	3	1.5	1	
5 Hull	<u>4</u>	1	<u>1</u>	
4 Track	1.5	1.5^2	1.5	
3 Hull	<u>4</u>	1	1	
2 Hull	3	1	1	
1 Track	1.5	1.5	1.5	
Top	T 1.5	D 1		
57/L18.5 T97 (6)		size -1		
Speed: 120/240		R M		

Type 97 Chi-Ha Shinhoto				
Location	Front	Side	Rear	
10 Turret	3	3	3	
9 Turret	3r	3	3	
8 Turret	3	3	3	
7 Hull	3	2	1	
6 Hull	3	2	<u>1</u>	
5 Hull	<u>4</u>	2	<u>1</u>	
4 Track	1.5	1.5^3	1.5	
3 Hull	<u>4</u>	2	1	
2 Hull	3	2	1	
1 Track	1.5	1.5	1.5	
Top	T 1.5	D 1	C 3r	
47/L48 (6)		size 0		
Speed: 120/240		R M		

Type 1 Chi-He				
Location	Front	Side	Rear	
10 Turret	5	5	1.5	
9 Turret	5r	5	1.5	
8 Turret	5	5	1.5	
7 Hull	5	1.5	1.5	
6 Hull	5	1.5	1.5	
5 Hull	<u>7</u>	1.5	1.5	
4 Track	1.5	1.5^3	1.5	
3 Hull	<u>7</u>	1.5	1.5	
2 Hull	5	1.5	1.5	
1 Track	1.5	1.5	1.5	
Top	T 1	D 1	c 4r	
47/L48 (9)		size 0		
Speed: 145/265		R M	'41	

Type 3 Chi-Nu				
Location	Front	Side	Rear	
10 Turret	5	5	1.5	
9 Turret	5r	5	1.5	
8 Turret	5	5	1.5	
7 Hull	5	1.5	1.5	
6 Hull	5	1.5	1.5	
5 Hull	<u>7</u>	1.5	1.5	
4 Track	2	2^4	2	
3 Hull	<u>7</u>	1.5	1.5	
2 Hull	5	1.5	1.5	
1 Track	2	2	2	
Top	T 1	D 1	C 4r	
47/L48 (9)		size 0		
Speed: 130/235		R M	'43	

Type I Ho-Ne I				
Location	Front	Side	Rear	
10 SuperS	3	1/0	0	
9 SuperS	3	1/0	0	
8 SuperS	3	1/0	0	
7 SuperS	3	1/0	0	
6 Hull	3	1.5	.5	
5 Hull	4	1.5	.5	
4 Track	1.5	1.5^3	1.5	
3 Hull	4	1.5	.5	
2 Hull	3	1.5	.5	
1 Track	1.5	1.5	1.5	
Top	T 1	D 0		
75/L38 (8)		size 0		
Speed:125/250			'42	

Type I Ho-Ro				
Location	Front	Side	Rear	
10 SuperS	3	1/0	0	
9 SuperS	3	1/0	0	
8 SuperS	3	1/0	0	
7 SuperS	3	1/0	0	
6 Hull	3	1.5	.5	
5 Hull	4	1.5	.5	
4 Track	1.5	1.5^3	1.5	
3 Hull	4	1.5	.5	
2 Hull	3	1.5	.5	
1 Track	1.5	1.5	1.5	
Top	T 1.5	D 0		
152mm (2)		size 0		
Speed: 125/250			'42	

Type 92 Osaka				
Location		Front	Side	Rear
10	Turret	1	1	1
9	Turret	1	1	1
8	Turret	1	1	1
7	Hull	1	1	1
6	Hull	1	1	1
5	Hull	1	1	1
4	Hull	1	1	1
3	Wheel	.5	.5	.5
2	Hull	1	1	1
1	Hull	1	1	1
	Top	T .5	D .5	
2 x 6.5mm MG			size 0	
Speed: 100/225			R M	'33

Japanese Tank gun and Artillery List

Type 1 Chi-To					Type 2 Ke-To				
Location	Front	Side	Rear		Location	Front	Side	Rear	
10	Turret	5	5	1.5	10	Turret	1.5	1	1
9	Turret	6r	5	1.5	9	Turret	1.5	1	1
8	Turret	5	5	1.5	8	Turret	1.5	1	1
7	Hull	5	1.5	1.5	7	Hull	1.5	1	1
6	Hull	5	1.5	1.5	6	Hull	1.5	1	1
5	Hull	8	1.5	1.5	5	Hull	3	1	1
4	Track	2	2^3	2	4	Track	1.5	1.5^2	1.5
3	Hull	8	1.5	1.5	3	Hull	3	1	1
2	Hull	5	1.5	1.5	2	Hull	1.5	1	1
1	Track	2	2	2	1	Track	1.5	1.5	1.5
	Top	T 1	D 1	C 4r		Top	T 1.5	D .5	
75mm/L44 (8)		size 0			37/L46 T1 (4)		size 0		
Speed: 125/250		R M		'44	Speed: 115/230		R M		'29

37mm/L25 T11	D	S	Pen.	.5	.3										
HE	7	14	Range	200	600										
when RoF=8			To Hit	1 ^{5.8}	2 ^{6.9}	3 ^{7.10}	4 ^{8.11}	5 ^{9.12}	6 ^{10.13}	7 ^{11.14}	8 ^{12.15}	9 ¹³	10 ¹⁴	11 ¹⁵	
[Type 94 24%]			Range	110	140	160	180	200	220	250	290	350	460	610	

37mm/L36.7 T94	D	S	Pen.	3	2										
APHE tank gun	8	14	Range	190	530										
when RoF=4			To Hit	1 ^{8.15}	2 ⁹	3 ¹⁰	4 ¹¹	5 ¹²	6 ¹³	7 ¹⁴	8 ¹⁵	9	10		
[Type 94 24%]			Range	140	170	200	230	250	280	310	350	410	530		

37mm/L36.7 T98	D	S	Pen.	5	4	3	2								
APHE tank gun	8	14	Range	10	170	340	590								
when RoF=4			To Hit	1 ^{8.15}	2 ⁹	3 ¹⁰	4 ¹¹	5 ¹²	6 ¹³	7 ¹⁴	8 ¹⁵	9	10		
24% T98,T100 tank			Range	170	200	230	260	290	320	350	400	470	590		

37mm/L46 T1	D	S	Pen.	5	4	3									
APHE tank gun	8	14	Range	210	440	600									
when RoF=4			To Hit	1 ^{8.15}	2 ⁹	3 ¹⁰	4 ¹¹	5 ¹²	6 ¹³	7 ¹⁴	8 ¹⁵	9	10		
[Type 94 24%]			Range	170	200	240	260	290	320	360	410	470	600		

47mm/L53.8 T1	D	S	Pen.	8	7	6	5	4							
APHE	8	13	Range	90	230	370	520	700							
when RoF=6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.15}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵		
[Type 94 24%]			Range	180	230	270	310	340	380	430	480	560	700		

57mm/L15 T90	D	S	Pen.	3	2										
APHE	7	12	Range	350	410										
when RoF=6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.15}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵		
[Type 94 24%]			Range	90	110	130	150	170	190	220	250	300	410		

57mm/L18.5 T97	D	S	Pen.	4	3										
APHE	7	12	Range	200	430										
when RoF=6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.15}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵		
[Type 94 24%]			Range	100	120	140	160	180	200	230	270	320	430		

57mm/L18.5 T97	D	S	Pen.	5											
HEAT	8	12	Range	560											
when RoF=6			To Hit	1 ^{6.11}	2 ^{7.12}	3 ^{8.13}	4 ^{9.14}	5 ^{10.15}	6 ¹¹	7 ¹²	8 ¹³	9 ¹⁴	10 ¹⁵	11	
[Type 94 24%]			Range	100	120	140	160	180	200	230	270	320	430	560	



Japanese Tank gun and Artillery List

70mm/10.9 M92	D	S	Pen.	8										
HEAT	7	10	Range	all										
when RoF=8			To Hit	1 ^{5.8}	2 ^{6.9}	3 ^{7.10}	4 ^{8.11}	5 ^{9.12}	6 ^{10.13}	7 ^{11.14}	8 ^{12.15}	9 ¹³	10 ¹⁴	
[Type 94 24%]			Range	50	70	80	90	100	120	130	150	190	270	

75mm/L20.8 T94	D	S	Pen.	6	5	4								
APHE	6	10	Range	120	390	470								
when RoF=8			To Hit	1 ^{5.8}	2 ^{6.9}	3 ^{7.10}	4 ^{8.11}	5 ^{9.12}	6 ^{10.13}	7 ^{11.14}	8 ^{12.15}	9 ¹³	10 ¹⁴	
[Type 94 24%]			Range	100	120	150	170	190	210	240	280	340	470	

75mm/L29.3 T41	D	S	Pen.	8										
HEAT	8	10	Range	all										
when RoF=8			To Hit	1 ^{5.8}	2 ^{6.9}	3 ^{7.10}	4 ^{8.11}	5 ^{9.12}	6 ^{10.13}	7 ^{11.14}	8 ^{12.15}	9 ¹³	10 ¹⁴	
[Type 94 24%]			Range	130	160	190	220	240	270	310	360	420	560	

75mm/L30.5 T38	D	S	Pen.	7	6	5	4							
APHE	6	10	Range	60	360	590	600							
when RoF=8			To Hit	1 ^{5.8}	2 ^{6.9}	3 ^{7.10}	4 ^{8.11}	5 ^{9.12}	6 ^{10.13}	7 ^{11.14}	8 ^{12.15}	9 ¹³	10 ¹⁴	
25%			Range	150	180	220	250	280	310	350	390	490	600	

75mm/L38.4 T3	D	S	Pen.	10	9	8	7							
APHE	6	10	Range	140	340	540	650							
when RoF=8			To Hit	1 ^{5.8}	2 ^{6.9}	3 ^{7.10}	4 ^{8.11}	5 ^{9.12}	6 ^{10.13}	7 ^{11.14}	8 ^{12.15}	9 ¹³	10 ¹⁴	
[Type 94 24%]			Range	160	200	240	270	300	340	380	430	510	650	

75mm/L56.4 T5	D	S	Pen.	14	13	12	11	10	9	8				
APHE	6	10	Range	30	120	220	420	560	700	720				
when RoF=8			To Hit	1 ^{5.8}	2 ^{6.9}	3 ^{7.10}	4 ^{8.11}	5 ^{9.12}	6 ^{10.13}	7 ^{11.14}	8 ^{12.15}	9 ¹³	10 ¹⁴	
25%			Range	190	230	280	320	360	390	440	500	580	720	

75mm/L44.1 T88	D	S	Pen.	11	10	9	8	7						
APHE	6	10	Range	100	260	440	620	660						
when RoF=8			To Hit	1 ^{5.8}	2 ^{6.9}	3 ^{7.10}	4 ^{8.11}	5 ^{9.12}	6 ^{10.13}	7 ^{11.14}	8 ^{12.15}	9 ¹³	10 ¹⁴	
24%			Range	170	210	250	280	310	350	390	450	520	660	

20mm/L53 T97	D	S	Pen.	4	3	2								
AP	9	15	Range	10	200	480								
when RoF=8			To Hit	1 ^{5.8}	2 ^{6.9}	3 ^{7.10}	4 ^{8.11}	5 ^{9.12}	6 ^{10.13}	7 ^{11.14}	8 ^{12.15}	9 ¹³	10 ¹⁴	
26%			Range	130	160	200	230	250	270	300	340	380	480	

37mm/L36.7 T94	D	S	Pen.	5	4	3	2	1.5						
APHE AT gun	8	13	Range	10	170	340	630	750						
when RoF=4			To Hit	1 ^{8.15}	2 ⁹	3 ¹⁰	4 ¹¹	5 ¹²	6 ¹³	7 ¹⁴	8 ¹⁵	9	10	11
26%			Range	170	200	240	270	290	330	360	410	480	610	750

37mm/L50 T1	D	S	Pen.	5	4	3	2.5	2						
APHE AT gun	7	13	Range	260	470	660	800	810						
when RoF=4			To Hit	1 ^{8.15}	2 ⁹	3 ¹⁰	4 ¹¹	5 ¹²	6 ¹³	7 ¹⁴	8 ¹⁵	9	10	
26%			Range	180	220	260	290	320	350	390	440	510	640	

105mm/L24 T94	D	S	Pen.	8	7	6								
AP	4	8	Range	110	560	570								
when RoF=4			To Hit	1 ^{·8·15}	2 ^{·9}	3 ^{·10}	4 ^{·11}	5 ^{·12}	6 ^{·13}	7 ^{·14}	8 ^{·15}	9	10	11
26%			Range	120	140	170	190	210	240	270	310	380	520	570
105mm/L24 T94	D	S	Pen.	10										
HEAT	4	8	Range	570										
when RoF=4			To Hit	1 ^{·8·15}	2 ^{·9}	3 ^{·10}	4 ^{·11}	5 ^{·12}	6 ^{·13}	7 ^{·14}	8 ^{·15}	9	10	11
26%			Range	120	140	170	190	210	240	270	310	380	520	570

No HEAT before 9.43 - probably design from German 75mm HL/A

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