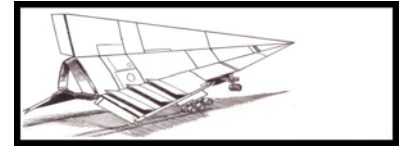


# The Design Box

The Tonnage Design Box allows a rough calculation of the (displacement) tonnage of vehicles as they are designed.



## THE TONNAGE DESIGN BOX

Vehicle dimensions can be estimated using known vehicle tonnage and the Vehicle Design Box.

Tonnage can be estimated using known vehicle dimensions and the Vehicle Design Box.

### Vehicle Dimensions

If the tonnage of a vehicle is known, select a tonnage row and determine the Length, Width, and Height dimensions for the vehicle.

### Vehicle Tonnage

If the dimensions of a vehicle are known, select a row with the appropriate dimensions and determine the tonnage for the vehicle.

### Adjustments

Dimensions should be reasonably compact; adjust them as necessary.

Ignore wings and wing tonnage.

## VEHICLE SIZE

Tons	----- Meters -----			----- Squares -----		
	Length	Width	Height	Length	Width	Height
1	3	3	1.5	2	2	1
1	6	1.5	1.5	4	1	1
2	6	3	1.5	4	2	1
3	9	3	1.5	6	2	1
4	12	3	1.5	8	2	1
5	7.5	3	3	5	2	2
6	9	3	3	6	2	2
7	10.5	3	3	7	2	2
8	12	3	3	8	2	2
9	9	4.5	3	6	3	2
9	13.5	3	3	9	2	2
10	15	3	3	10	2	2
11	10.5	4.5	3	7	3	2
12	12	4.5	3	8	3	2
13	13.5	4.5	3	9	3	2
15	15	4.5	3	10	3	2
16	16.5	4.5	3	11	3	2

## THE DESIGN BOX