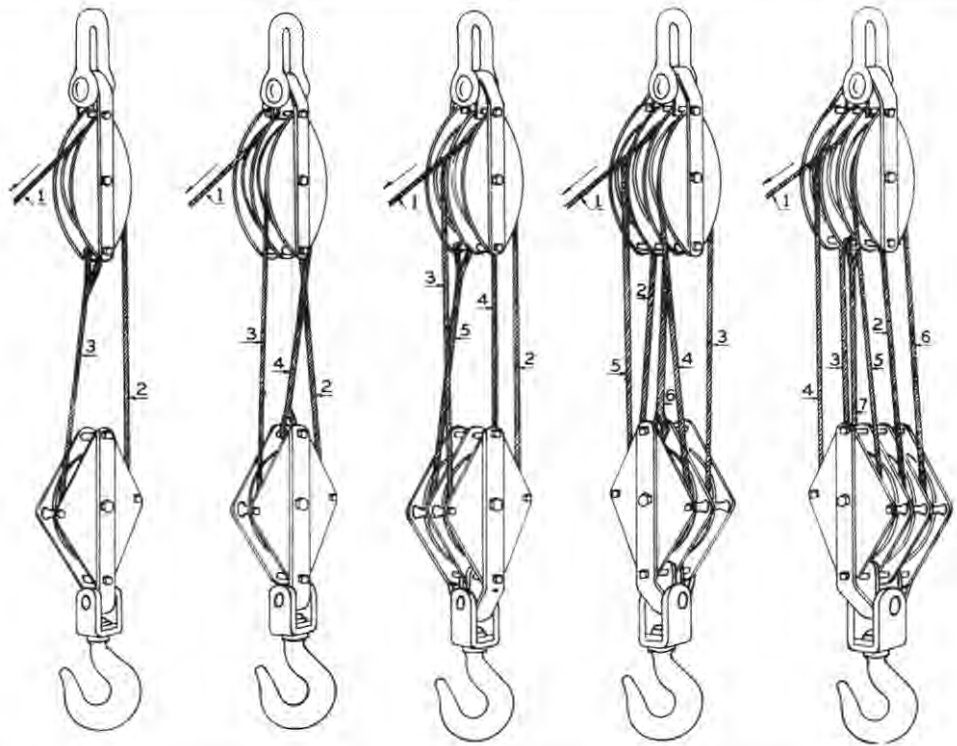




Method of Reeving Manila and Wire Rope Blocks

The methods of reeving tackle blocks will vary with the applications. With heavy lift cargo booms, cranes and so forth, where blocks with four sheaves or more are required, a number of lead blocks have to be considered. The engineering department will be happy to assist on such applications.



Method of Figuring "Parts of Line"

$\frac{L}{P} = E$ L = Load lifted in pounds
 P = Line pull in pounds
 E = Efficiency factor

		1	2	3	4	5	6	7	8	9	10	11	12
"E" Factors	Bronze Bushed	0.96	1.85	2.8	3.6	4.4	5.2	5.9	6.6	7.3	7.9	8.5	9.1
	Roller Bearing	0.98	1.9	2.9	3.8	4.7	5.6	6.5	7.3	8.2	9.0	9.8	10.6

For example: To figure "Parts of Line" required when load lifted "L" and line pull "P" are known.

$$\frac{32,000 \text{ lbs. (load lifted "L")}}{6,000 \text{ lbs. (line pull "P")}} = 5.3 \text{ ("E")}$$

You can see in the table at the right that an "E" factor of 5.3 requires 6 "Parts of Line".