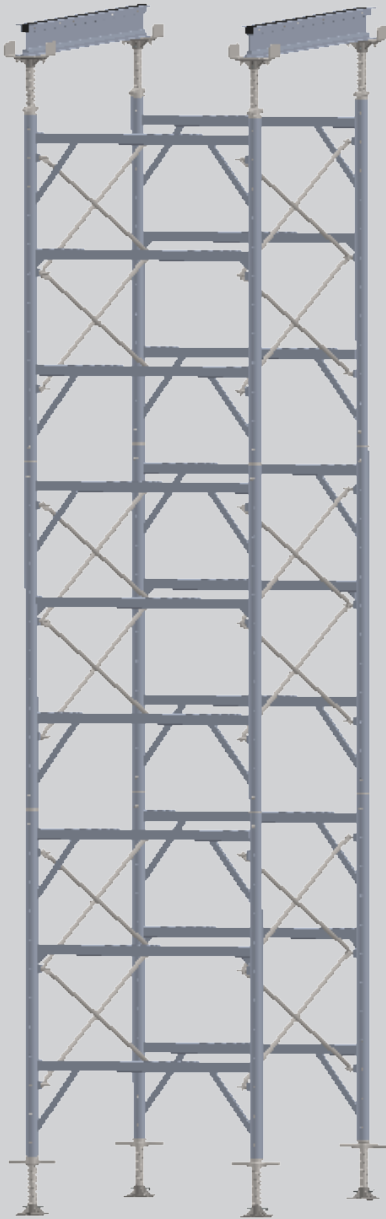


ALUMINUM FRAME SHORING SYSTEM



The aluminum Shoring System is a lightweight system use to provide temporary support of fresh concrete, reinforcing steel, formwork, and live loads imposed during construction. Aluminum shoring towers use aluminum soring frames and compatible accessories.

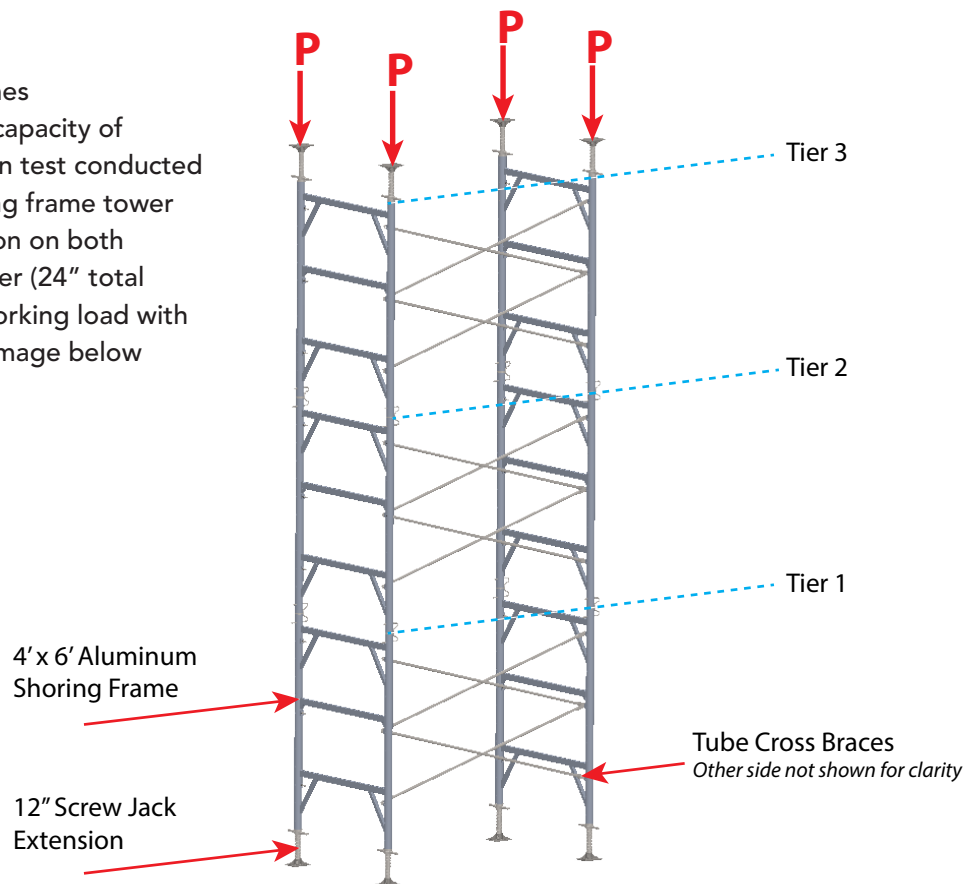
ADDITIONAL INFORMATION

- Total safe working load of an aluminum shoring tower should be determined by the frame leg capacity and by a qualified structural engineer.
- Tier refers to the number of frames connected vertically in a tower.
- DSS recommends using lateral bracing designed by a qualified structural engineer for towers 4 tiers high or taller.
- When possible, horizontal bracing should be tied to permanent structures such as walls or columns.
- Bracing members shall not be connected to the frame horizontal members.
- Lateral bracing shall be fixed at the junction of vertical legs with the bracing tube.
- The system is compatible with DSS Angle Iron and Tubular Braces.

LOAD CAPACITIES

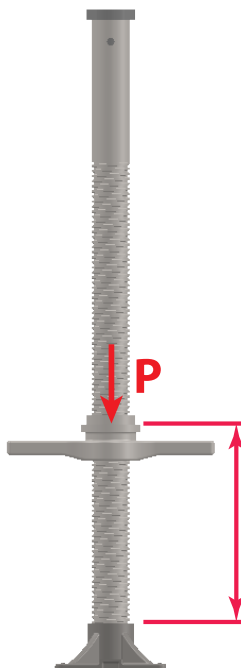
ALUMINUM FRAME SHORING SYSTEM

The aluminum shoring frames (SHHLFxxJLxx) have a leg capacity of 12,000 lb (53.4kN) based on test conducted on a 3-tier aluminum shoring frame tower with 12" screw leg extension on both top and bottom of the tower (24" total extension). This is a safe working load with a 2.5:1 Safety Factor. The image below represents the test setup.



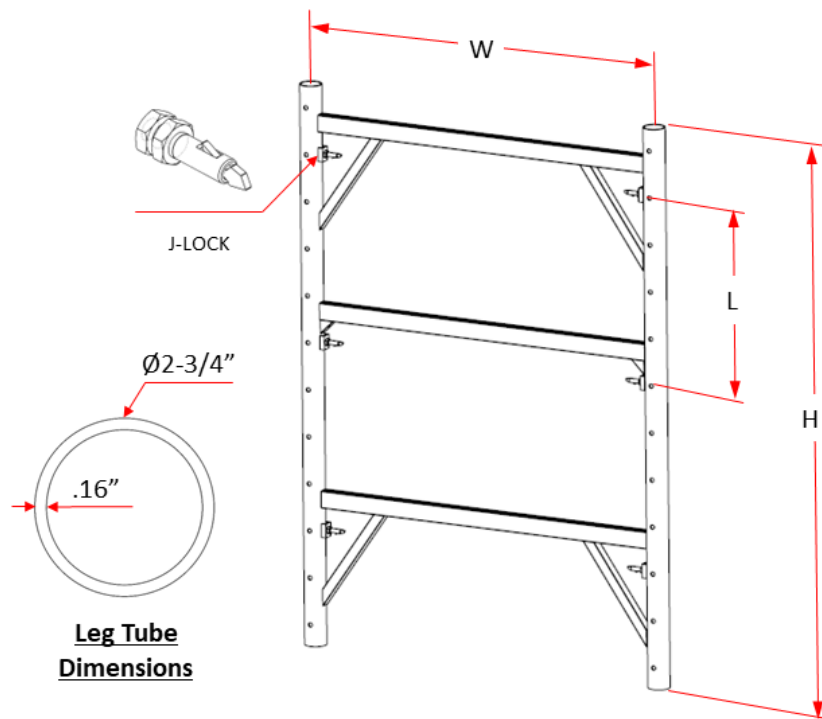
The working load capacity of the screw jack (SHHLSJ) is 18,500 lb (82.3kN) at its maximum extension of 24" with a safety factor of 3:1.

Other system accessories will safely resist the load applied in accordance with the aluminum shoring frame tower structure capacity as determined by a qualified structural engineer.



ALUMINUM SHORING FRAMES

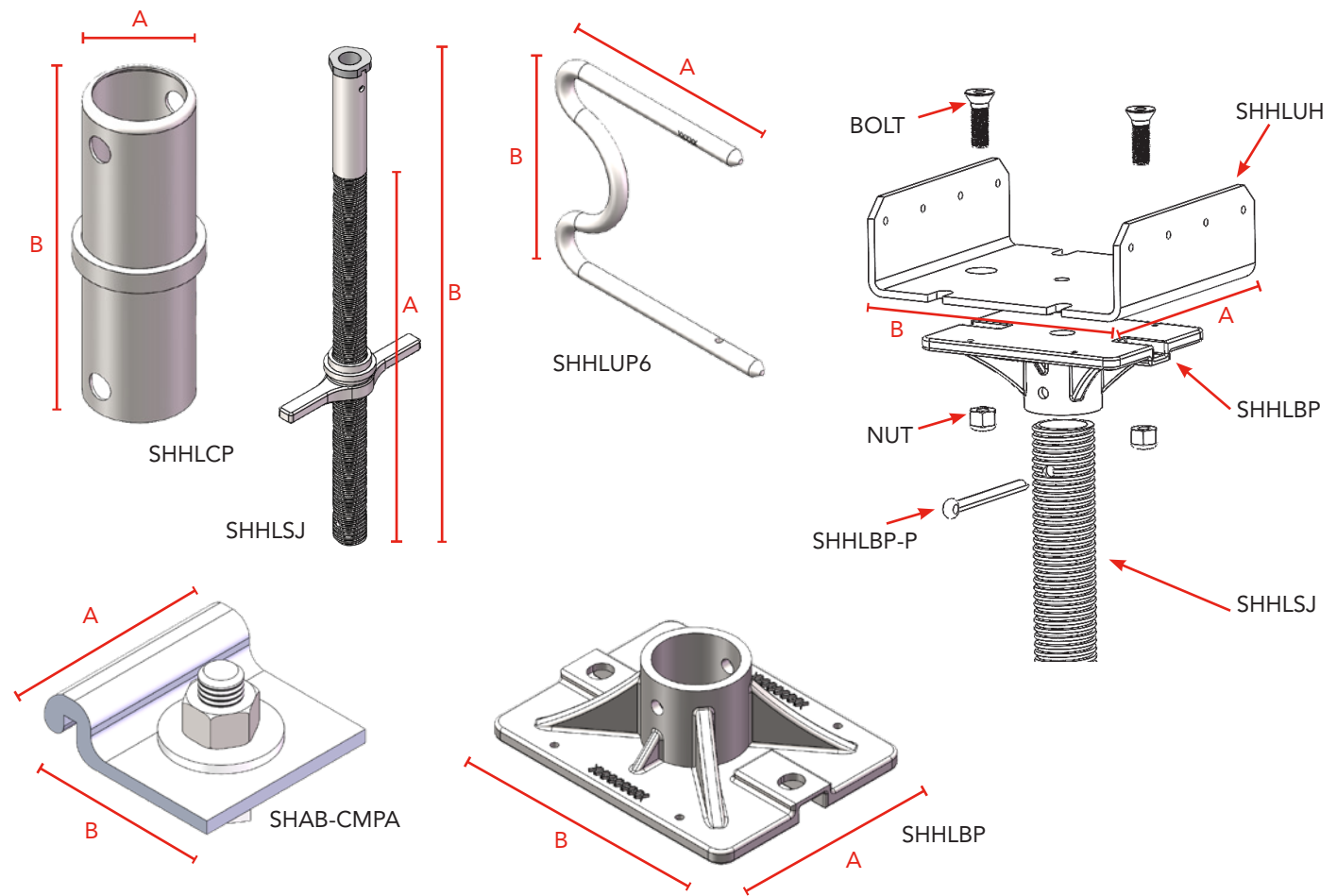
ALUMINUM FRAME SHORING SYSTEM



Part No.	Description	Dimensions			Weight
		W	H	L	
SHHLF44JL24	4' x 4' Aluminum Shoring Frame	48" 1,219.2 mm	47.51" 1,206.8 mm	24" 609.6 mm	21 lb 9.57 kg
SHHLF45JL48	4' x 5' Aluminum Shoring Frame	48" 1,219.2 mm	59.51" 1,511.6 mm	24" 609.6 mm	28.1 lb 12.8 kg
SHHLF46JL48	4' x 6' Aluminum Shoring Frame	48" 1,219.2 mm	71.51" 1,816.4 mm	24" 609.6 mm	32.2 lb 14.62 kg
SHHLF48JL48	4' x 8' Aluminum Shoring Frame	48" 1,219.2 mm	95.51" 2,426.0 mm	24" 609.6 mm	42.8 lb 19.43 kg

ALUMINUM SHORING ACCESSORIES

ALUMINUM FRAME SHORING SYSTEM



Part No.	Description	Dimensions		Weight
		A	B	
SHHLCP	Coupling Pin	2.13" 54.1 mm	7.5" 190.5 mm	1.21 lb 0.55 kg
SHHLUP6	6" Shaped Lock Pin (6" U-Pin)	6" 152.4 mm	4.33" 110 mm	1 lb 0.45 kg
SHHLBP-P	Cotter Pin			0.1 lb 0.45 kg
SHHLBP	Base Plate Includes Cotter Pin SHHLBP-P	5.5" 1.397 mm	7" 177.8 mm	5.28 lb 2.39 kg
SHHLSJ	Screw Jack	19.7" 500.0 mm	32" 812.8 mm	11.2 lb 5.08 kg
SHHLUH	8"x9" U-Head Includes bolting	9" 228.6 mm	8" 203.2 mm	7.18 lb 3.26 kg
SHAB-CMPA	Aluminum Beam A-Clip	2.44" 61.9 mm	2.5" 63.4 mm	0.35 lb 0.16 kg

DOUBLE HOLE TUBULAR CROSS BRACES

ALUMINUM FRAME SHORING SYSTEM

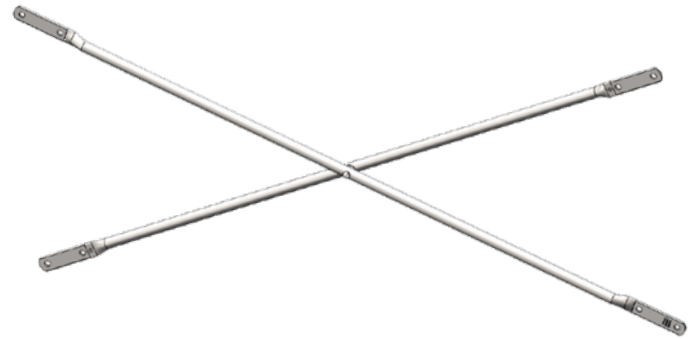


Contact a DSS sales specialist for more brace sizes not listed. Available in multiple finishes.

Part No.	Dimensions					Weight
	A Frame Bay	B Lock Spacing	C Lock Spacing	D Hole to Hole	E Hole to Hole	
BR043648H	48" 1219.2 mm	36" 914.4 mm	48" 1219.2 mm	60" 1524 mm	67.88" 2486.2 mm	8.2 lb 3.71 kg
BR053648H	60" 1524 mm	36" 914.4 mm	48" 1219.2 mm	69.97" 1777.2 mm	76.84" 1951.7 mm	9.9 lb 4.47 kg
BR054860H	60" 1524 mm	48" 1219.2 mm	60" 1524 mm	76.8" 1951.7 mm	84.85" 2155.2 mm	11 lb 4.98 kg
BR063648H	72" 1828.8 mm	36" 914.4 mm	48" 1219.2 mm	80.5" 2044.7 mm	86.53" 2197.9 mm	13 lb 5.89 kg
BR073648H	84" 2133.6 mm	36" 914.4 mm	48" 1219.2 mm	91.3" 2321.3 mm	96.75" 2457.5 mm	12.2 lb 5.54 kg
BR083648H	96" 2438.4 mm	36" 914.4 mm	48" 1219.2 mm	102.5" 2604.2 mm	107.33" 2726.1 mm	13.2 lb 6.00 kg
BR103648H	120" 3048 mm	36" 914.4 mm	48" 1219.2 mm	125.3" 3182.8 mm	129.25" 3282.9 mm	15.4 lb 6.99 kg

SINGLE HOLE TUBULAR CROSS BRACES

ALUMINUM FRAME SHORING SYSTEM



Contact a DSS sales specialist for more brace sizes not listed.

Part No.	Dimensions			Weight
	A Frame Bay	B Lock Spacing	C Hole to Hole	
BR0212H	24" / 609.6 mm	12" / 304.8 mm	26.83" / 681.4 mm	3.5 lb / 1.58 kg
BR0217H	24" / 609.6 mm	17.63" / 447.8 mm	29.78" / 756.4 mm	5.4 lb / 2.45 kg
BR0245H	24" / 609.6 mm	45" / 1143 mm	51" / 1295.4 mm	8.5 lb / 3.85 kg
BR0312H	36" / 914.4 mm	12" / 304.8 mm	37.95" / 963.9 mm	4.6 lb / 2.08 kg
BR0317H	36" / 914.4 mm	17.63" / 447.8 mm	40.09" / 1018.2 mm	6.6 lb / 2.99 kg
BR0336H	36" / 914.4 mm	36" / 914.4 mm	50.91" / 1293.1 mm	6.6 lb / 2.99 kg
BR0345H	36" / 914.4 mm	45" / 1143 mm	57.63" / 1463.8 mm	9.3 lb / 4.21 kg
BR0412H	48" / 1219.2 mm	12" / 304.8 mm	49.48" / 1256.7 mm	6.4 lb / 2.9 kg
BR0417H	48" / 1219.2 mm	17.63" / 447.8 mm	51.13" / 1298.7 mm	7.9 lb / 3.58 kg
BR0424H	48" / 1219.2 mm	24" / 609.6 mm	53.67" / 1363.2 mm	6.6 lb / 2.99 kg
BR0436H	48" / 1219.2 mm	36" / 914.4 mm	60" / 1524 mm	7.3 lb / 3.31 kg
BR0445H	48" / 1219.2 mm	45" / 1143 mm	65.8" / 1671.3 mm	10 lb / 4.53 kg
BR0448H	48" / 1219.2 mm	48" / 1219.2 mm	67.88" / 1724.1 mm	8.8 lb / 4 kg
BR0512H	60" / 1524 mm	12" / 304.8 mm	61.19" / 1554.2 mm	8 lb / 3.62 kg
BR0517H	60" / 1524 mm	17.63" / 447.8 mm	62.54" / 1588.5 mm	9.6 lb / 4.35 kg
BR0524H	60" / 1564 mm	24" / 609.6 mm	64.62" / 1641.3 mm	10 lb / 4.53 kg
BR0527H	60" / 1564 mm	27.75" / 704.9 mm	66.1" / 1678.9 mm	10.2 lb / 4.62 kg
BR0545H	60" / 1564 mm	45" / 1143 mm	75" / 1905 mm	11.4 lb / 5.17 kg
BR0548H	60" / 1564 mm	48" / 1219.2 mm	76.84" / 1951.7 mm	9.9 lb / 4.49 kg

Continued on next page.

SINGLE HOLE TUBULAR CROSS BRACES - CONT.

ALUMINUM FRAME SHORING SYSTEM

Contact a DSS sales specialist for more brace sizes not listed.

Part No.	Dimensions			Weight
	A Frame Bay	B Lock Spacing	C Hole to Hole	
BR0612H	72" / 1828.8 mm	12" / 304.8 mm	72.99" / 1853.9 mm	8.8 lb / 3.99 kg
BR0624H	72" / 1828.8 mm	24" / 609.6 mm	75.89" / 1927.6 mm	9.2 lb / 4.17 kg
BR0627H	72" / 1828.8 mm	27.75" / 704.84 mm	77.16" / 1959.9 mm	9.04 lb / 4.1 kg
BR0648H	72" / 1828.8 mm	48" / 1219.2 mm	86.53" / 2197.9 mm	13 lb / 5.89 kg
BR0712H	84" / 2133.6 mm	12" / 304.8 mm	84.85" / 2155.2 mm	11.5 lb / 5.21 kg
BR0724H	84" / 2133.6 mm	24" / 609.6 mm	87.36" / 2218.9 mm	10.54 lb / 4.78 kg
BR0727H	84" / 2133.6 mm	27.75" / 704.8 mm	88.47" / 2247.3 mm	10.41 lb / 4.72 kg
BR0736H	84" / 2133.6 mm	36" / 914.4 mm	91.39" / 2321.3 mm	11.02 lb / 4.99 kg
BR0748H	84" / 2133.6 mm	48" / 1219.2 mm	96.75" / 2457.5 mm	11.57 lb / 5.24 kg
BR0824H	96" / 2438.4 mm	24" / 609.6 mm	98.95" / 2513.3 mm	12.8 lb / 5.8 kg
BR0827H	96" / 2438.4 mm	27.75" / 704.8 mm	99.93" / 2538.2 mm	13.5 lb / 6.12 kg
BR0836H	96" / 2438.4 mm	36" / 914.4 mm	102.53" / 2604.3 mm	13.5 lb / 6.12 kg
BR0848H	96" / 2438.4 mm	48" / 1219.2 mm	107.33" / 2726.2 mm	13.2 lb / 6 kg
BR1012H	120" / 3048 mm	12" / 304.8 mm	120.6" / 3063.2 mm	14.4 lb / 6.53 kg
BR1024H	120" / 3048 mm	24" / 609.6 mm	122.38" / 3108.5 mm	14.3 lb / 6.49 kg
BR1027H	120" / 3048 mm	27.75" / 704.8 mm	123.17" / 3128.5 mm	16.5 lb / 7.48 kg
BR1036H	120" / 3048 mm	36" / 914.4 mm	125.28" / 3182.1 mm	16.5 lb / 7.48 kg
BR1048H	120" / 3048 mm	48" / 1219.2 mm	129.24" / 3282.7 mm	16.9 lb / 7.64 kg