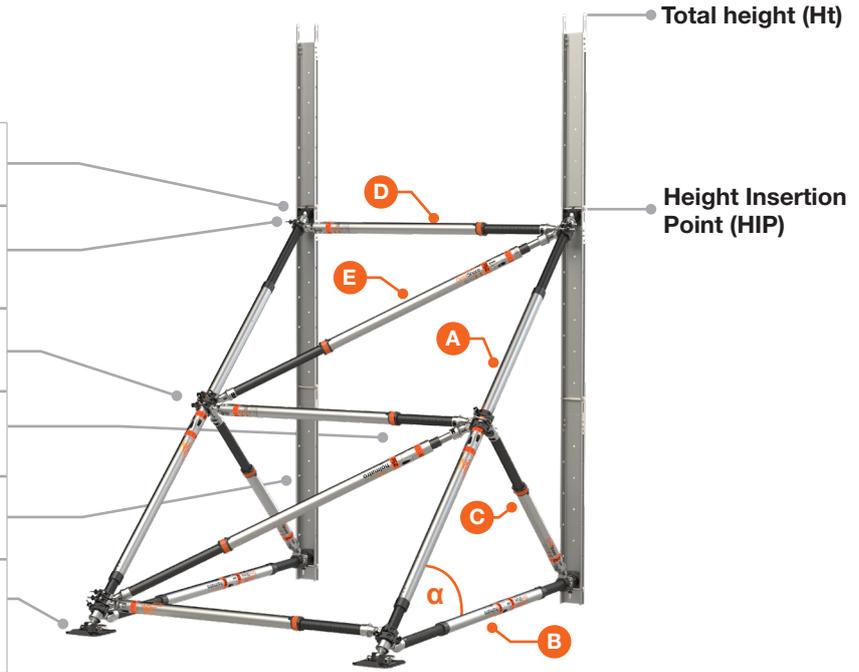


RAKER UP TO 14.4 FT

	6/8*	Lock-Pin
	4	Swivel Base
	16	Clamp
	7/9*	Pull Restrictor
	4/6*	Raker Rail
	2	Swivel Base D-Ring

*depends on configuration



Tabulated data is based on available items within the Advanced Vehicle & Structural Shoring set + additional Strut Bracing set

45°	HIP Ht		Diagonal Strut	Horizontal Strut	Mid-point Brace		Horizontal Brace		Diagonal Brace	Working Load Raker
	in	in	A	B	C		D		E	Safety Factor 2
			in	in	in	in	in	in		lbs
	123	183	P60+P40 163	P40+P30 106	P60 66	P60 64-96	P60+M10		22500	
	113	124	P60+P40 149	P60 96	P40 59	P60 64-101	P60+M10		22500	
	103	124	P60+P40 135	P60 86	P40 52	P60 64-104	P60+M10		24300	
	94	124	P40+P40 121	P60 76	P30 45	P60 64-104	P60+M10		30400	
	84	124	P40+P40 107	P60 67	P30 38	P60 64-104	P60+M10		37500	
< 84 See tabulated data Raker up to 7.8 ft										

60°	HIP Ht		Diagonal Strut	Horizontal Strut	Mid-point Brace		Horizontal Brace		Diagonal Brace	Working Load Raker
	in	in	A	B	C		D		E	Safety Factor 2
			in	in	in	in	in	in		lbs
	172	183	P60+P60 189	P40+P30 85	P40+M10 80	P60 64-64	P60		22500	
	162	183	P60+P60 177	P40+P30 79	P40+M10 74	P60 64-70	P60		22500	
	153	183	P60+P40 166	P60 73	P40+M10 69	P60 64-104	P60+P30		22500	
	143	183	P60+P40 154	P60 68	P40+M10 63	P60 64-104	P60+P30		22500	
	133	183	P60+P30 143	P40 62	P40 57	P60 64-104	P60+M10		22500	
	123	183	P60+P30 132	P40 56	P40 52	P60 64-104	P60+M10		22500	
	113	124	P60+P30 120	P40 51	P40 46	P60 64-104	P60+M10		22500	
	103	124	P60+M10 109	P40 45	P30 40	P60 64-94	P60		26200	
< 103 See tabulated data Raker up to 7.8 ft										

Notes

- The shoring construction/installation must always be approved by a trained Structural Specialist.
- The max. working load applies only to the raker system. The materials used to anchor the raker to the wall or ground may limit the max. working load.
- The Total height (Ht) will determine the number of Raker Rails.
- Place a Pull Restrictor on all bracing struts C / D / E.
- Fix the Raker to the ground utilizing the large holes or the raised edge of the Swivel Base D-Ring, depending the on type of foundation.
- Fix the Raker to the wall, utilizing the holes in the Raker Rail.
- Other Raker configurations can be built if additional struts / accessories are used.

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