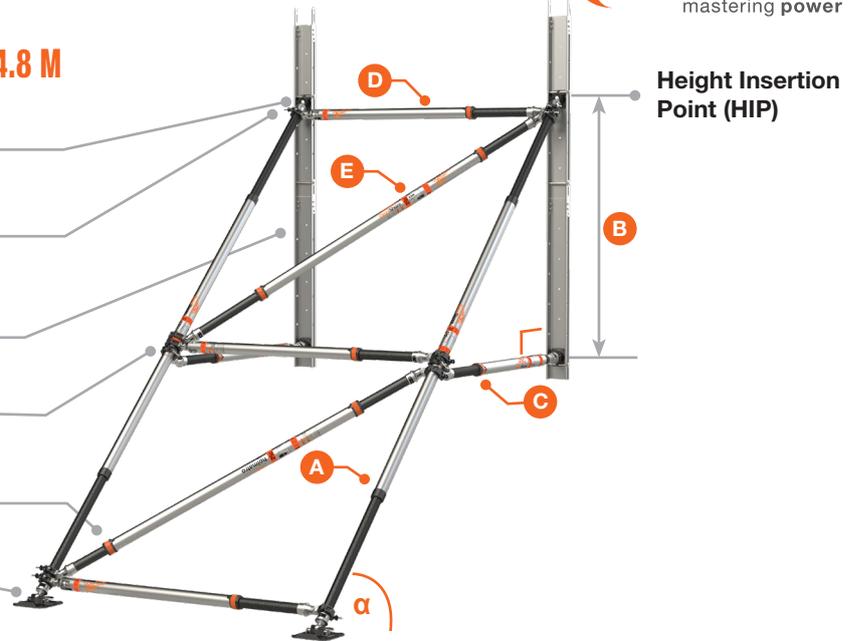


FLYING RAKER UP TO 4.8 M

	4/6x*	Raker Rail Pin
	4x	Swivel Base
	2/4x*	Raker Rail
	12x	Clamp
	5/7/9x*	Pull Restrictor
	2x	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	Diagonal Strut		Mid-point Brace		Horizontal Brace		Diagonal Brace	Max. Working Load	
		A	B	C		D		E	Safety Factor 2	
	cm	cm	cm	cm		cm			kg	
	388	P60+P60	519	175	P40	145	P60	162-265	depends on D	3200
	363	P60+P60	484	175	P40	145	P60	162-265	depends on D	4300
	338	P60+P60	448	125	P30	95	P60	162-265	depends on D	5500
	313	P60+P40	413	125	P30	95	P60	162-265	depends on D	6900
	288	P60+P40	378	125	P30	95	P60	162-265	depends on D	8700
	263	P60+P30	342	75	M10	45	P60	162-265	depends on D	11000
	238	P60+P30	307	75	M10	45	P60	162-265	depends on D	13800
	213	P60+P30	271	75	M10	45	P60	162-265	depends on D	17000
< 213 See tabulated data Flying Raker up to 2.5 m										

60°	HIP	Diagonal Strut		Mid-point Brace		Horizontal Brace		Diagonal Brace	Max. Working Load	
		A	B	C		D		E	Safety Factor 2	
	cm	cm	cm	cm		cm			kg	
	475	P60+P60	522	225	P30	103	P60	162-265	depends on D	2300
	463	P60+P60	508	225	P30	103	P60	162-265	depends on D	2600
	438	P60+P60	479	225	P30	103	P60	162-265	depends on D	3200
	413	P60+P60	450	225	P30	103	P60	162-265	depends on D	3900
	388	P60+P40	421	200	P30	88	P60	162-265	depends on D	4700
	363	P60+P40	392	200	P30	88	P60	162-265	depends on D	5700
	338	P60+P30	363	125	M10	45	P60	162-265	depends on D	6900
	313	P60+P30	335	125	M10	45	P60	162-265	depends on D	8300
	288	P60+P30	306	125	M10	45	P60	162-265	depends on D	10000
	263	P60+P30	277	100	M10	30	P60	162-265	depends on D	11900
< 263 See tabulated data Flying Raker up to 2.5 m										

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. WL.
- Distance B 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 on the 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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