

Key Dimensions of Your Shadowspec Harmony

As the Shadowspec Harmony is available to you in a variety of configurations, care must be taken to check the sizing of your chosen umbrella in the following table.

Key Measurement Notes:

Free-Standing Base installations will add 165mm | 6" to the height

Surface plates will add 12mm | 1/2" to the height.

Adding Free-Standing Base wheels will add a further 45-80mm | 2-3" to the height.

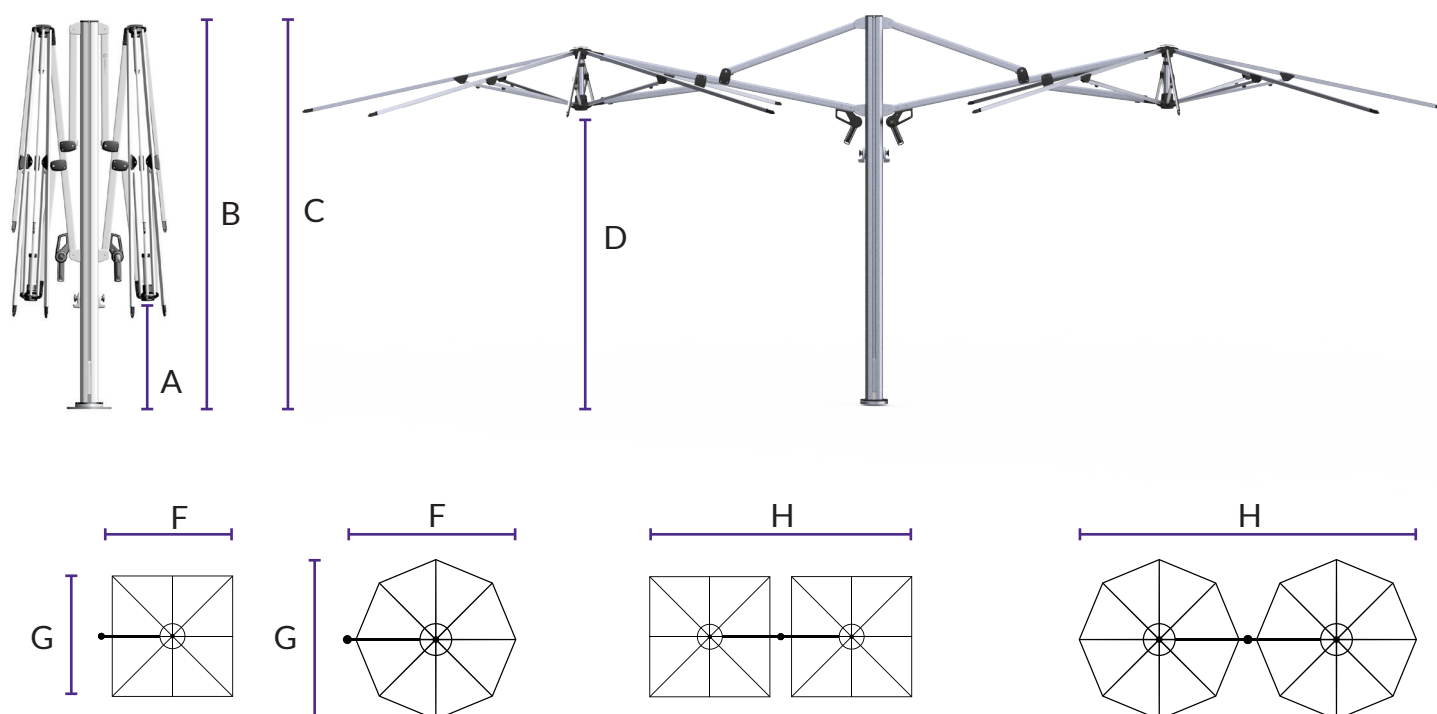


Diagram Legend

	3.0m	10'	4.0m	13'
A Ground to End of rib tips when closed*	638mm	2'1"	723mm	2'4"
B Total height to top of Canopy*	2742mm	9'	2736mm	9'
C Height of umbrella to top of Mast Cap	2770mm	9'1"	2770mm	9'1"
D Ground to Central Frame Hub when open	2035mm	6'8"	2120mm	6'11"
E Ground to lower outer edge of Canopy	2173mm	7'2"	2140mm	7'
F Centre of Spigot to outside edge of Canopy	3248mm	10'9"	4078mm	13'4"
G Canopy Width	3000mm	9'10"	3981mm	13'1"
H Max width when horizontal	6495mm	21'4"	8156mm	26'9"

Note: All sizings and conversions are +/- 2.5mm / 2/32" and are subject to change without notice.

It is recommended for commercial installations that metric measurements are used for any umbrella spacing to ensure accuracy

Canopy Movement Scope

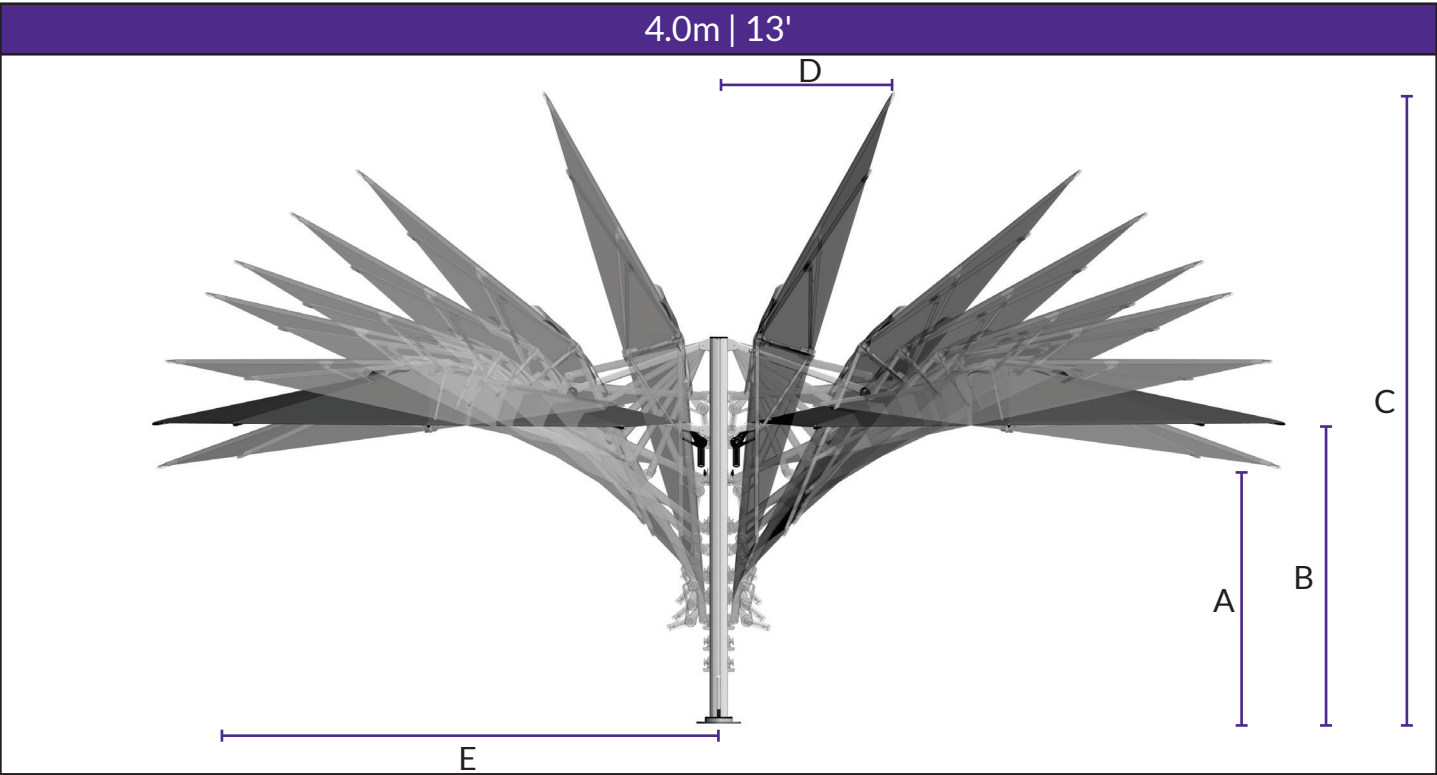
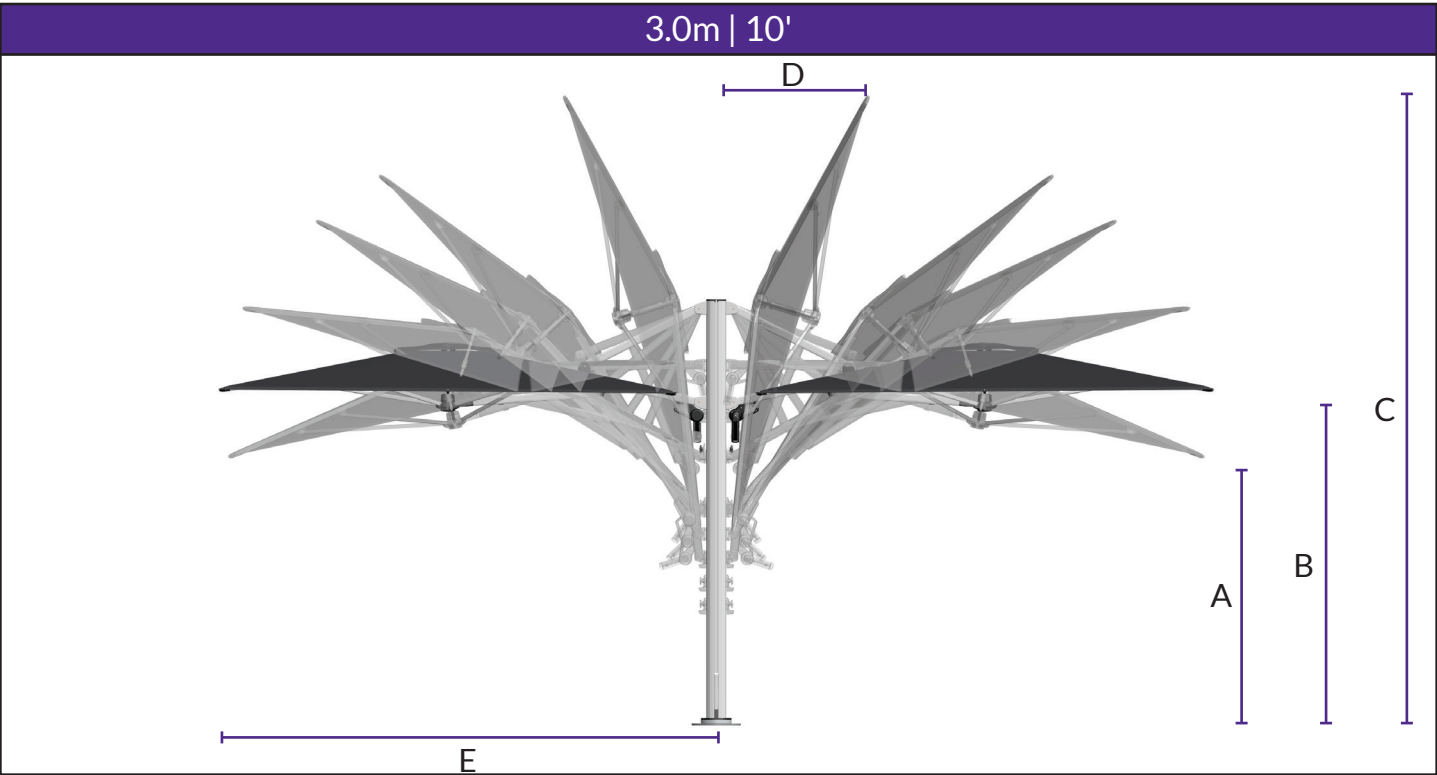


Diagram Legend				3.0m	10'	4.0m	13'
A	Tilt Position	-1	Forward Tilt	1735mm	5'9"	1822mm	6'
B	Tilt Position	0	Horizontal	2180mm	7'2"	2145mm	7'
C	Tilt Position	T6	Vertical	4099mm	13'6"	4532mm	14'11"
D	Outer Edge	Centre of Spigot	Minimum	1000mm	3'4"	1266mm	4'2"
E	Outer Edge	Centre of Spigot	Maximum	3248mm	10'8"	4078mm	13'5"

Note: Diagrams do not include the additional height from mount options - please add the below measurements based on your choice

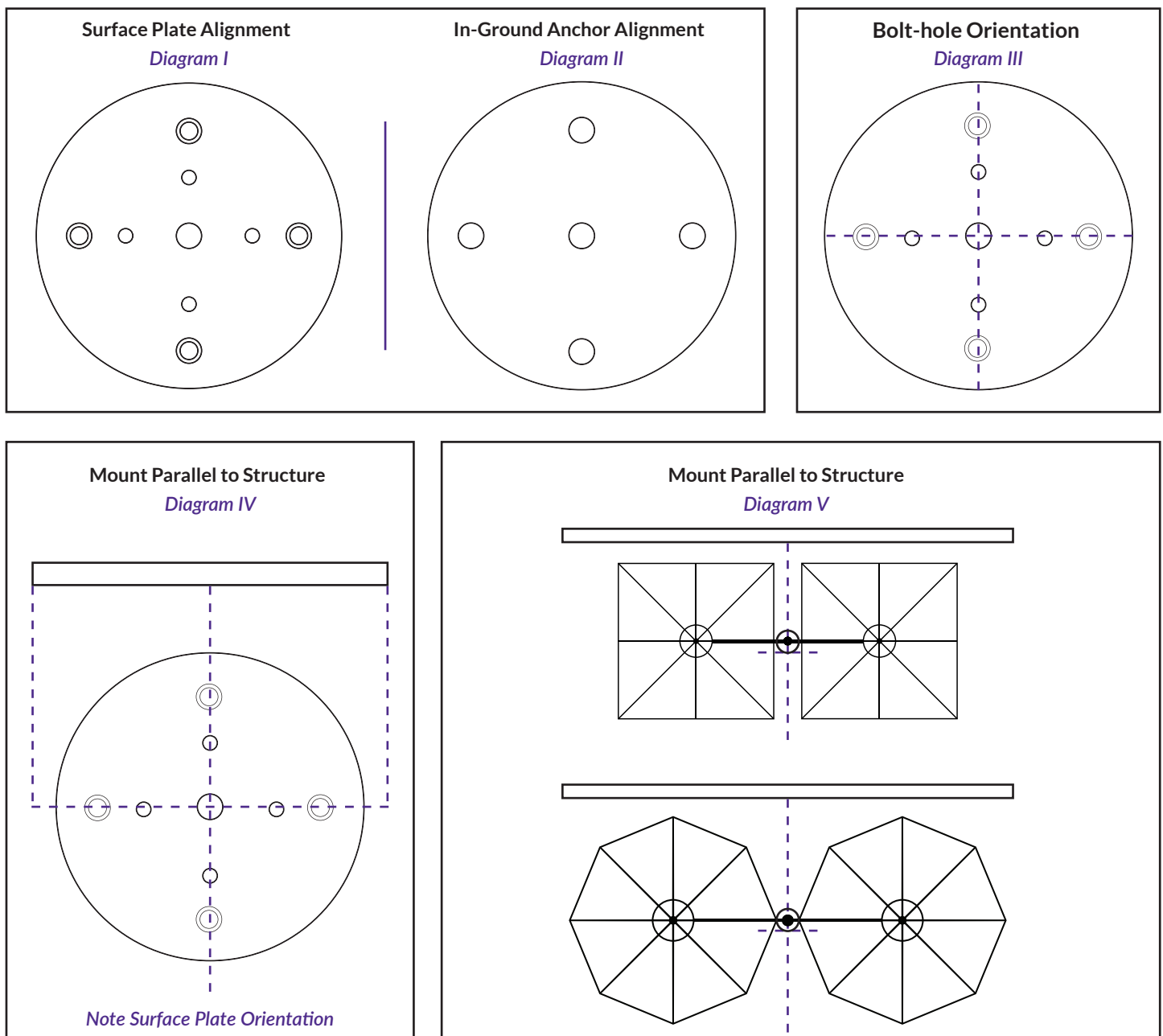
Installation - Umbrella Orientation

Aligning your Umbrella.

When you install your umbrella, you need to be conscious of the orientation in relation to the buildings, walls and other umbrellas in your space.

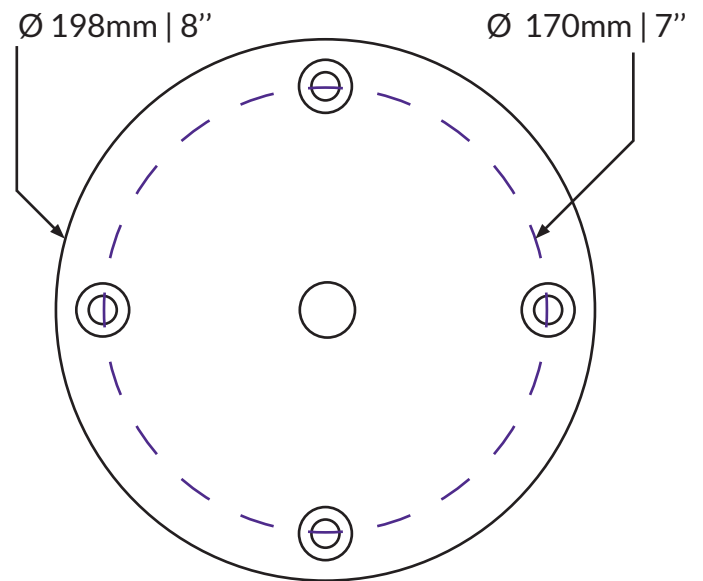
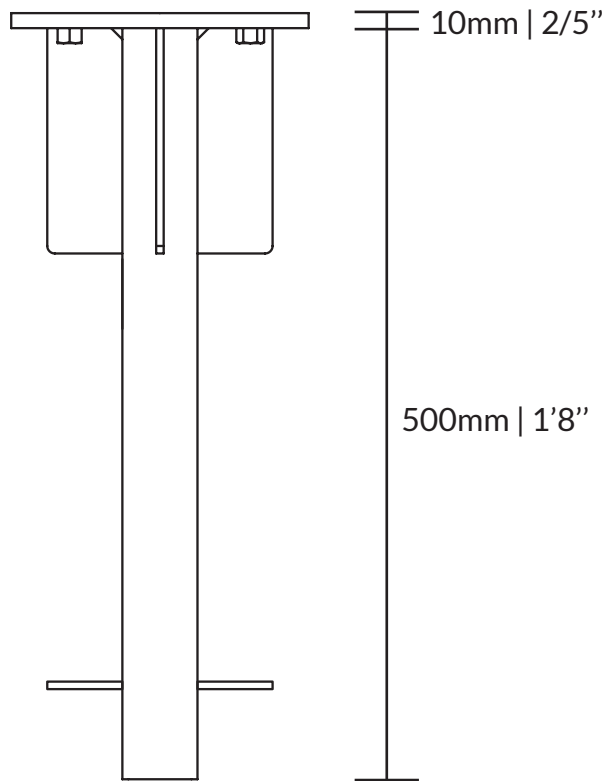
When installing your umbrella using the Surface Plate (page 16) or the In-Ground Anchor (page 14) you need to align the bolt holes with the existing structures.

- Step 1** Locate the Bolt Holes on your chosen mounting option. (Diagram I and II)
- Step 2** Draw an imaginary cross-hair through the center of each opposing bolt hole. *Diagram III*
This will give you the orientation, required to match existing structures and other umbrellas.
- Step 3** Before creating any holes, align the lines to the existing structure. Any secondary umbrellas should then be aligned in parallel with the holes to ensure correct orientation. (Diagram IV)
- Step 4** Double check your measurements and orientation before affixing your umbrella. (Diagram V)



Mounting Option - Spec-Sheets & Sizes

In Ground Anchor - Spec Sizing



Free-standing Base - Spec Sizes

