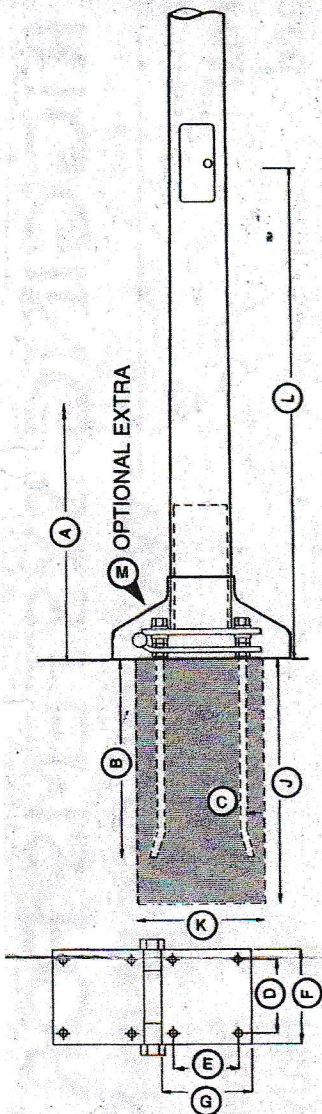


Installation Data for Glassfibre Flagpoles

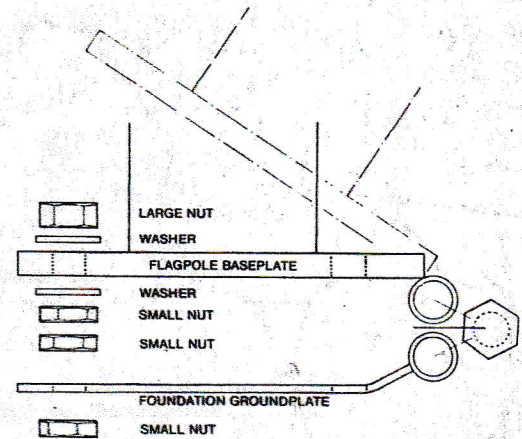
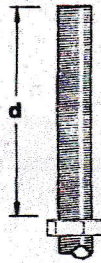


Length of foundation
bolt thread exposed
above concrete foundation

6-12m poles $d = 60\text{mm}$

13-16m poles $d = 80\text{mm}$

17-18m poles $d = 100\text{mm}$



FOR BANNER POLES OR NON-STANDARD FLAGPOLES THESE DIMENSIONS MAY NOT APPLY PLEASE ENQUIRE FROM SUPPLIER FOR CORRECT BURIAL DEPTH OF FOUNDATION BOLTS.

INSTALLATION INSTRUCTIONS

- 1) Screw on thin nut to each threaded foundation bolt for distance "d" as appropriate.
- 2) Place each foundation bolt (4 No.) through the thinner foundation ground plate holes and locate in position with a further thin nut. Be careful to ensure to turn the plate the correct way with the hinge pointing upwards.
- 3) Place the foundation bolts in the concrete and make certain the hinging bolt points in the direction to which the pole will be both raised and lowered. Leave a small space (15 mm max) between the concrete foundation and the foundation ground plate to make it possible to adjust the flagpole for verticality. Ensure the foundation ground plate is level.
- 4) When the concrete has hardened the pole can be erected but only after mounting one more thin nut and washer on each foundation bolt.
- 5) Place hinging bolt partially through the flagpole baseplate and offer the flagpole up to the foundation ground plate.
- 6) Erect the flagpole and finally place one LARGE nut and washer per foundation bolt, adjusting the lower nuts for verticality if necessary.
- 7) Re-tension bolts some weeks after erection.

TECHNICAL DATA

All measurements in millimetres unless otherwise stated. Special lengths other than those mentioned can be manufactured but are not available ex stock

DIMENSIONS OF BASIC FLAGPOLE		10'0"	13'1"	16'5"	19'8"	23'0"	26'3"	29'9"	32'9"	36'0"	39'4"	42'8"	46'0"	46'9"	52'6"	55'9"	60'0"
Overall Length of Flagpole	A	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m
Butt Diameter of Flagpole	-	95	100	120	120	120	120	140	140	140	140	175	175	175	175	190	190
Top Diameter of Flagpole	-	50	50	65	65	65	65	65	65	65	65	65	65	65	65	65	65
Weight of Flagpole (naked)	-	5kg	6kg	8kg	9kg	11kg	13kg	22kg	24kg	31kg	34kg	60kg	65kg	72kg	75kg	81kg	85kg
Wt. of Flagpole with Steelwork	-			18kg	19kg	21kg	23kg	32kg	34kg	41kg	44kg	77kg	82kg	88kg	92kg	106kg	110kg
Ext. Diameter of Gold Finial	-	135	135	135	135	135	135	135	135	135	135	165	165	165	165	165	165
Maximum Flagsize	-	1.0m	1.5m	1.5m	2.0m	2.0m	2.5m	3.0m	3.0m	3.0m	4.0m	4.0m	4.0m	4.0m	5.0m	5.0m	5.0m
Overall Length of Bolts	-			500	500	500	500	500	500	500	500	700	700	700	700	900	900
Depth of Bolts in Concrete	B			425	425	425	425	425	425	425	425	610	610	610	610	800	800
Diameter of Foundation Bolts	C			16	16	16	16	16	16	16	16	20	20	20	20	20	20
Hole Centres	D			135	135	135	135	135	135	135	135	175	175	175	175	230	230
Hole Centres	E			128	128	128	128	128	128	128	128	145	145	145	145	200	200
Baseplate Dimensions	F			180	180	180	180	180	180	180	180	225	225	225	225	280	280
Baseplate Dimension	G			180	180	180	180	180	180	180	180	225	225	225	225	280	280
Int. Halyard Door 190 x 90	L			1.5m	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m
Ground Collar - Diameters	M	108 (ID) 385 (OD)			125 (ID) 385 (OD)				145 (ID) 385 (OD)				180 (ID) 445 (OD)			195 (ID) 445 (OD)	

Please note that the ground collar (M) is an optional extra

Key: (ID) = Internal Diameter (OD) = Outside Diameter

FOUNDATION DATA		4 - 8 metres	9 - 12 metres	13 - 18 metres
Depth of Foundation Slabs	J	1000*	1250*	1500*