

# Dennis TS 500 Class Rules

## Blue Print Specifications

Mast Fitting Diagram.		Foot	Metre	Tolerances	
				Ft	Metre
Mast Height		22ft 6in	6.86	3in	0.08
Back Stay		22ft 5in	6.83	3in	0.08
Main Sail Halyard Block		22ft 3in	6.78	3in	0.08
Spinnaker Halyard Hound		19ft 4 1/2in	5.91	3in	0.08
Forestay Hound		19ft 1in	5.82	3in	0.08
Upper Shrouds		19ft	5.79	3in	0.08
Spreaders		11ft 1 1/2in	3.39	3in	0.08
Lower Shrouds		10ft 9 1/2in	3.29	3in	0.08
Spinnaker Pole Up haul		10ft 1 1/2in	3.08	3in	0.08
Spinnaker Ring		4ft 5 1/2in	1.36	1in	0.02
Main Boom Gooseneck		1ft 9in	0.53	1in	0.05
Spinnaker Pole Downhaul		3in	1.08	3in	0.08
Boom Vang		3in	0.08	1in	0.02
<b>All the above measurements are taken from the base of the mast to the centre of the fitting</b>					
Main Boom Fitting Diagram					
Main boom length		8ft 3in	2.51	3in	0.08
Boom Vang		1ft 9 1/2in	0.55	1in	0.02
Inner sheet block		6ft 4 1/2in	1.94	3in	0.08
Outer sheet block		7ft 0in	2.13	3in	0.08
<b>All the above measurements taken from the end of the boom closest to the mast.</b>					

Outer Shroud Spreader Length		1ft 9in	0.53	1in	0.02
Spinnaker Pole Maximum		6ft	1.83	nil	

	Main Sail	Working Jib	Genoa
Luff	19ft 9in = 6.02mt	17ft 4in = 5.28	19ft 2in = 5.84mt
Leach	21ft 6in = 6.55mt	15ft 9in = 4.80	18ft 3in = 5.56mt
Foot	8ft = 2.44mt	6ft 9in = 2.06m	7ft 7in = 2.31mt
Area (sq mt)	88 = 8.18	53 = 4.92	70 = 6.51
Battens (max)	1x2ft 7in = 0.79mt 3x1ft 6in = 0.46mt	Nil	Nil

<u>Spinnaker</u>		
Straight line heap to clew	18ft	5.49mt
Straight line clew to clew	12ft	3.66mt
Folded width half height	4ft 5in	1.35mt
Area (sq mt)	140sqft	13.01sqmt