

**MRTS87**

**Supply of Timber Bridge  
Materials and Components**

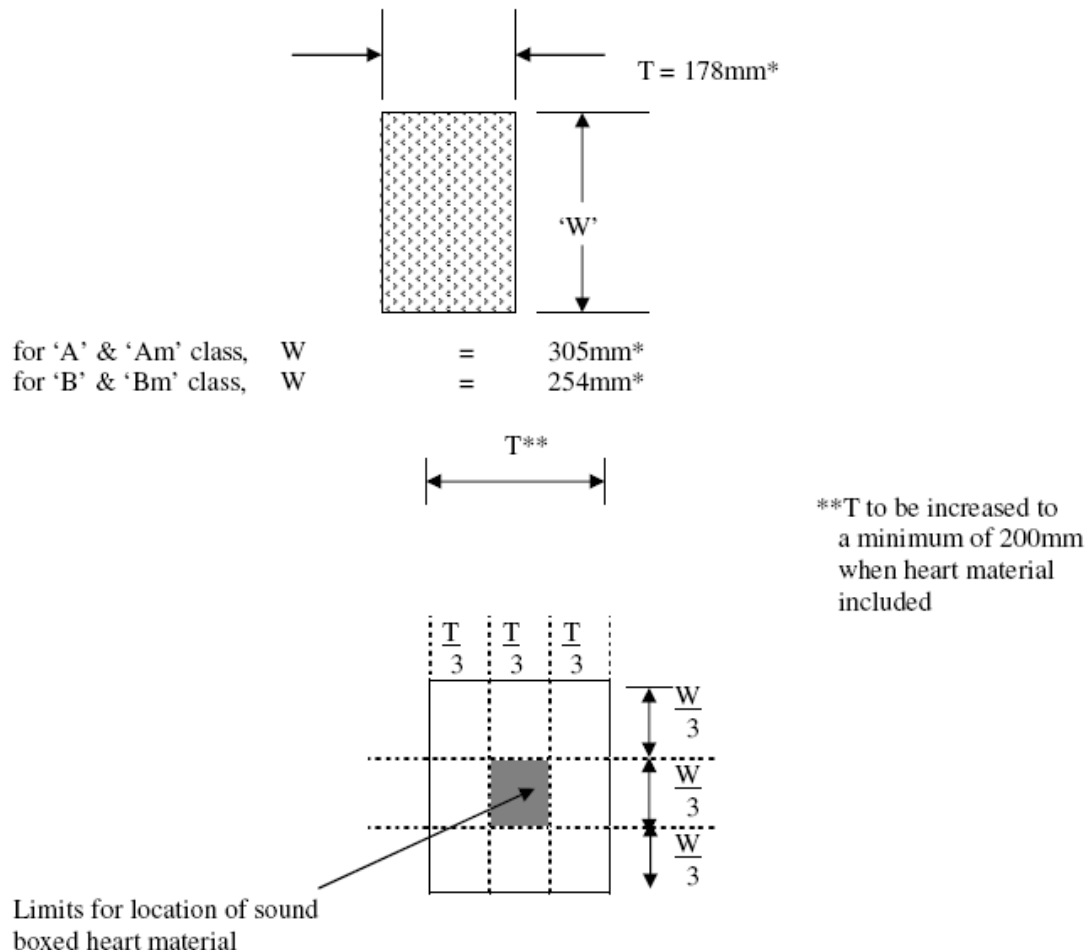
**Appendix C**



## APPENDIX C

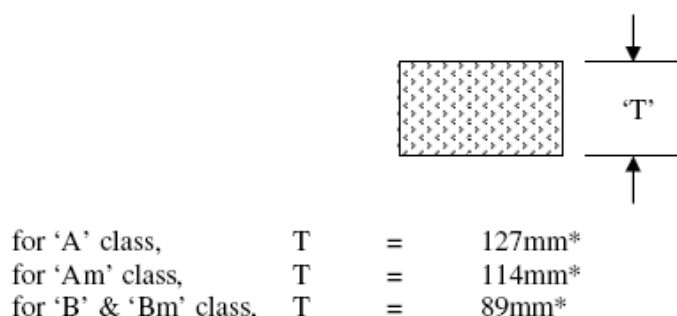
### STANDARD HEADSTOCK DIMENSIONS\*

Figure 3 – Headstock with Heart Inclusion



### STANDARD DECKING THICKNESS\*

Figure 4 – Standard Decking Thickness



\* These dimensions correspond to those shown on the original bridge drawings.

Actual supplied dimensions shall correspond to standardized commercial cutting sizes and shall be the nearest sizes available. A maximum reduction of 5 mm on original drawing dimensions is acceptable.

**STANDARD GIRDER DIAMETERS FOR VARIOUS SPANS**

**'A' CLASS LOADING:-**

SPAN m	ORIGINAL DECK WIDTH m	NO OF GIRDERS	GIRDER DIAMETER inches (mm)	
			OUTER	INNER
4.6 – 4.9	3.66	4	12 (304)	14 (355)
	5.5	5		
5.2 – 5.8	3.66	4	13 (330)	15 (381)
	5.5	5		
6.1 – 6.7	3.66	4	14 (355)	16 (406)
	5.5	5		
7.0	3.66	4	15 (381)	17 (431)
	5.5	5		
7.3 – 8.2	3.66	4	16 (406)	18 (457)
	5.5	5		
8.5 – 9.1	3.66	4	17 (431)	19 (482)
	5.5	5		
	6.1	6	16 (406)	18 (457)
10.7	3.66	4	19 (482)	21 (533)

**'B' CLASS LOADING:-**

SPAN m	ORIGINAL DECK WIDTH m	NO OF GIRDERS	GIRDER DIAMETER inches (mm)	
			OUTER	INNER
3.0 – 4.9	3.66	4	10 (254)	12 (304)
	5.5	5		
5.2 – 5.8	3.66	4	11 (279)	13 (330)
	5.5	5		
6.1 – 6.7	3.66	4	12 (304)	14 (355)
	5.5	5		
7.0 – 7.6	3.66	4	13 (330)	15 (381)
	5.5	5		
7.9 – 8.5	3.66	4	14 (355)	16 (406)
	5.5	5		
8.8 – 9.1	3.66	4	15 (381)	17 (431)
	5.5	5		
10.7	3.66	4	16 (406)	18 (457)