



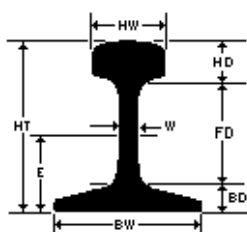
Harmer Steel Railway Track Material Specialists

Table of Rail Sections

Identifying Rail Sections

The weight and types of most rails can easily be identified by referring to the dimensional diagrams in this catalog. For these and other sections, the tee rails sections data table lists basic dimensions and identifies mill marks usually rolled on rail web.

If a special section is not listed, simply place a piece of paper against the rail end, and impress its outline into the paper by pressing your fingers against the rail edges. Not on this, the width of the base, rail height and head dimensions as well as the bolt hole elevation. With this information, Harmer can determine the best rail to meet your individual needs.



Dimensions for Tee Rail Data Table

- HT - Height
- BW - Width of Base
- HW - Width of Head
- W - Web (at center point)
- HD - Depth of Head
- FD - Fishing
- BD - Depth of Base
- E - Bolt Hole Elevation

Nominal Weight Per Yard	Type of Rail	DIMENSIONS IN INCHES								SECTION DESIGNATION		
		HT	BW	HW	W	HD	FD	BD	E			
12 lb.	ASCE	2	2	1	3/16	9/16	1-3/32	11/32	57/64	1240	12AS	
16 lb.	ASCE	2-3/8	2-3/8	1-11/64	7/32	41/64	1-23/64	3/8	1-1/16	1640	16AS	
20 lb.	ASCE	2-5/8	2-5/8	1-11/32	1/4	23/32	1-15/32	7/16	1-11/64	2040	20AS	
25 lb.	ASCE	2-3/4	2-3/4	1-1/2	19/64	25/32	1-31/64	31/64	1-15/64	2540	25AS	
30 lb.	ASCE	3-1/8	3-1/8	1-11/16	21/64	7/8	1-23/32	17/32	1-25/64	3040	30AS	
35 lb.	ASCE	3-5/16	3-5/16	1-3/4	23/64	61/64	1-25/32	37/64	1-15/32	3540	35AS	
40 lb.	ASCE	3-1/2	3-1/2	1-7/8	25/64	1-1/64	1-55/64	5/8	1-9/16	4040	40AS	
45 lb.	ASCE	3-11/16	3-11/16	2	27/64	1-1/16	1-31/32	21/32	1-41/64	4540	45AS	
50 lb.	ASCE	3 7/8	3 7/8	2-1/8	7/16	1-1/8	2-1/16	11/16	1-23/32	5040	50AS	
55 lb.	ASCE	4-1/16	4-1/16	2-1/4	15/32	1-11/64	2-11/64	23/32	1-103/128	5540	55AS	
56 lb.	MISC.	4	3 27/32	2-5/16	11/32	1-13/32	1/29/32	11/16	1-41/64	5607		
	MISC.	4-1/4	4-1/8	2-1/4	3/8	1-27/64	2-1/8	45/64	1-3/4	5633	56-M	5616
60 lb.	ASCE	4-1/4	4-1/4	2-3/8	31/64	1-7/32	2-17/64	49/64	1-115/128	6040	60AS	603
	ARA-A	4-1/2	4	2-1/4	15/32	1-15/64	2-29/64	13/16	2-17/64	6020	60RA	602
	MISC.	4-1/4	4-1/16	2-5/16	1/2		2-1/8			6001		6051
65 lb.	ASCE	4-7/16	4-7/16	2-13/32	1/2	1-9/32	2-3/8	25/32	1-31/32	6540	65AS	653
70 lb.	ASCE	4-5/8	4-5/8	2-7/16	33/64	1-11/32	2-15/32	13/16	2-3/64	7040	70AS	701
72 lb.	C&NW	4-3/4	4-3/4	2-3/8	9/16	1-13/32	2-1/2	27/32	2-3/32	7201	72NP	7250
75 lb.	ASCE	4-13/16	4-13/16	2-15/32	17/32	1-27/64	2-35/64	27/32	2-15/128	7540	75AS	753
	MO PAC	4-3/4	4-3/4	2-9/16	9/16	1-7/16	2-15/32	27/32	2-5/64	7550	75MP	
	S PAC	4-15/16	4-7/16	2-7/16	33/64	1-3/8	2-5/8	15/16	2-1/4	7524	75SP	757
	U PAC	5	5	2-9/16	1/2	1-3/8	2-13/16	13/16	2-5/8	7523	75CS	754
	U PAC	4-15/16	4-7/16	2-7/16	33/64	1-3/8	2-5/8	15/16	2-1/2	7524	75CSR	757
80 lb.	ASCE	5	5	2-1/2	35/64	1-1/2	2-5/8	7/8	2-3/16	8040	80AS	800
	DUDLEY	5-1/8	5	2-21/32	17/32	1-1/2	2-3/4	7/8	2-1/4	8020	80DY	

85 lb.	ASCE	5-3/16	5-3/16	2-9/16	9/16	1-35/64	2-3/4	57/64	2-17/64	8540	85AS	851
	CAN PAC	5-1/8	5	2-1/2	9/16	1-7/16	2-11/16	1	2-11/32	8524	85CP	
	CB&Q	5-3/16	5-3/16	2-21/32	9/16	1-35/64	2-3/4	57/64	2-17/64	8543	85CB	852
	GRT NO	5	5	2-21/32	21/32	1-19/32	2-1/2	29/32	2-5/32	8509	85GN	8553
	MO PAC	5-7/32	5-1/4	2-15/32	75/128	1-3/4	2-39/64	55/64	2-21/128	8550		
	PS	5-1/8	4-5/8	2-1/2	17/32	1-21/32	2/15/32	1	2-15/64	8531	85PS	
	PRR	5	5	2-9/16	17/32	1-3/4	2-3/8	7/8	2-1/6	8553	85PR	
	SOO LINE	5-3/8	4-7/8	2-1/2	9/16	1-15/32	2-29/32	1	2-29/64	8520		
90 lb.	ASCE	5-3/8	5-3/8	2-5/8	9/16	1-35/64	2-55/64	59/64	2-45/128	9040	90AS	
	ARA-A	5-5/8	5-1/8	2-9/16	9/16	1-15/32	3-5/32	1	2-37/64	9020	90RA	902
	ARA-B	5-17/64	4 49/64	2-9/16	9/16	1-39/64	2-5/8	1-1/32	2-11/32	9030	90RB	905
	AT&SF	5-5/8	5-3/16	2-9/16	9/16	1-15/32	3-5/32	1	2-37/64	9021	90SF	903
	C&NW	5-17/32	5-3/32	2/12	1/2	1-17/32	2-31/32	1-1/32	2-23/64	9035	90OM	
	D&RG	5-1/2	5-1/8	2-9/16	9/16	1-5/8	2-7/8	1	2-5/8			906
	GRT NO	5-3/8	5	2-5/8	9/16	1-15/32	2-7/8	1-1/32	2-15/32	9024	90GN	904
	INTRBGH	5	5	2-7/8	11/16	1-25/32	2-11/32	7/8	2-3/64	9050	90RT	
	U PAC	5-3/4	5-3/8	2-3/4	17/32	1-1/2	3-3/8	7/8	2-9/16	9023	90UP	901
	DUDLEY	5-1/2	5	2-21/32	9/16	1-1/2	3-1/32	31/32	2-3/8		90DY	
100 lb.	ASCE	5-3/4	5-3/4	2-3/4	9/16	1-45/64	3-5/64	31/32	2-65/128	10040	100AS	
	PS	5-11/16	5	2-43/64	9/16	1-13/16	2-25/32	1-3/32	2-31/64	10031	100PS	
	PRR	5-1/2	5-1/2	2-13/16	5/8	1-7/8	2-11/16	15/16	2-9/32	10033	100PR	
	ARA-A	6	5-1/2	2-3/4	9/16	1-9/16	3-3/8	1-1/16	2-3/4	10020	100RA	1003
	ARA-B	5-41/64	5-9/64	2-21/32	9/16	1-45/64	2-55/64	1-5/64	2-65/128	10030	100RB	1002
	AREA	6	5-3/8	2-11/16	9/16	1-21/32	3-9/32	1-1/16	2-45/64	10025	10043	10025
	C&NW	5-45/64	5-9/64	2-9/16	9/16	1-39/64	2-61/64	1-9/64	2-79/128	10035	100DM	
	GRT NO	5-3/4	5	2-3/4	9/16	1-5/8	3	1-1/8	2-5/8	10036	100GN	
	INTRBGH	5-3/4	5-3/4	2-7/8	9/16	1-45/64	3-5/64	31/32	2-65/128	10005	100RT	
	NY NH&H	6	5-1/2	2-3/4	19/32	1-23/32	3-11/32	15/16	2-39/64	10034	100NH	
	READING	5-5/8	5-3/8	2-21/32	9/16	1-45/64	2-55/64	1-1/16	2-63/128	10032	100RG	
101 lb.	DL&W	5-7/16	5-3/8	2-3/4	5/8	1-23/32	2-11/16	1-1/32	2-3/8	10133	101DL	
105 lb.	DL&W	6	5-3/8	2-3/4	5/8	1-23/32	3/14	1-1/32	2-21/32	10533	105DL	
	DUDLEY	6	5-1/2	3	5/8	1-5/8	3-13/32	31/32	2-43/64	10524	105DY	
110 lb.	AREA	6-1/4	5-1/2	2-25/32	19/32	1-23/32	3-13/32	1-1/8	2-53/64	11025	110RE	1100
	GRT NO	6-1/2	5-1/2	2-3/4	19/32	1-5/8	3/3/4	1/18	3	11036	110GN	
	LE VAL	6	5-1/2	2-7/8	19/32	1-7/8	3-1/16	1-1/16	2-19/32	11033	110LV	
112 lb	AREA	6-5/8	5-1/2	2-23/32	19/32	1-11/16	3-13/16	1-1/8	2-7/8	11228	112RE	1121
	TR	6-3/4	5-1/2	2-1/2	5/8	1-3/4	3-7/8	1-1/8	3/1/8	11229		1122
113 lb.	SO PAC	6-13/16	5-1/2	2-11/16	19/32	1-7/8	3-13/16	1-1/8	3-3/4			1130
115 lb.	AREA	6-5/8	5-1/2	2-23/32	5/8	1-11/16	3-13/16	1-1/8	2-7/8	11525	115RE	1150
	DUDLEY	6-1/2	5-1/2	3	5/8	1-11/16	3-3/4	1-1/16	3/3/8	11522	115DY	
119 lb.	AREA	6-13/16	5-1/2	2-21/32	5/8	1-7/8	3-13/16	1-1/8	2-7/8	11937	119RE	
122 lb.	CHESSIE	6-25/32	6	2-15/16	21/32	1-15/16	3-39/64	1-15/64	3-21/64		122CB	
127 lb.	DUDLEY	7	6-1/4	3	21/32	1-11/16	4-5/32	1-5/32	3-1/8	12723	127DYM	
130 lb.	PS	6-5/8	5-1/2	3	11/16	2	3-13/32	1-7/32	2-3/4	13031	130PS	
	AREA	6-3/4	6	2-15/16	21/32	1-27/32	3-11/16	1-7/32	3-1/16	13025	13043	1300
131 lb.	AREA	7-1/8	6	3	21/32	1-3/4	4-3/16	1-3/16	3-1/4	13128	131RE	1311
132 lb.	AREA	7-1/8	6	3	21/32	1-3/4	4-3/15	1-3/16	3-3/32	13228	132RE	1321
133 lb.	AREA	7-1/16	6	3	11/16	1-15/16	3-15/16	1-3/16	3	13331	133RE	1330
136 lb.	AREA	7-5/16	6	2-15/16	11/16	1-15/16	4-3/16	1-3/16	3-3/32	13637	136RE	
140 lb.	AREA	7-5/16	6	3	3/4	2-1/16	4-1/16	1-3/16	3		140RE	
152 lb.	PS	8	6-3/4	3	11/16	1-27/32	4-7/8	1-9/32	3-3/4	15222	152PS	
155 lb.	PS	8	6-3/4	3	3/4	2-1/16	4 21/32	1-9/32	3-3/8	15531	155PS	

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