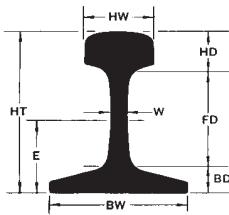


Rail Sections

Tee Rail Data Diagram



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

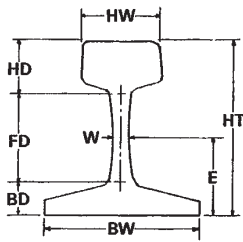
BD - Depth of Base

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 1/32	1 1/2	5/16	—	—	—
16 lb.	ASCE	2 3/8	2 3/8	1 1/16	7/32	4 1/64	1 23/64	3/8	1 1/16	—	—	—
20 lb.	ASCE	2 5/8	2 5/8	1 1/32	1/4	2 3/32	1 15/32	7/16	1 1/64	—	—	—
25 lb.	ASCE	2 3/4	2 3/4	1 1/2	1 9/64	2 5/32	1 31/64	3 1/64	1 15/64	—	—	—
30 lb.	ASCE	3 1/8	3 1/8	1 11/16	2 1/64	7/8	1 23/32	1 7/32	1 25/64	—	—	—
35 lb.	ASCE	3 1/16	3 1/16	1 3/4	2 3/64	6 1/64	1 25/32	3 1/64	1 15/64	—	—	—
40 lb.	ASCE	3 1/2	3 1/2	1 7/8	2 5/64	1 1/64	1 55/64	5/8	1 9/16	—	—	—
45 lb.	ASCE	3 11/16	3 11/16	2	2 7/64	1 1/16	1 31/32	2 1/32	1 4 1/64	—	—	—
50 lb.	ASCE	3 3/8	3 3/8	2 1/8	7/16	1 1/8	2 1/16	1 1/16	1 23/32	—	—	—
55 lb.	ASCE	4 1/16	4 1/16	2 1/4	1 5/32	1 11/64	2 1/64	2 3/32	1 10 3/128	—	—	—
60 lb.	ASCE	4 1/4	4 1/4	2 3/8	3 1/64	1 7/32	2 1/64	4 9/64	1 11 5/128	6040	60 AS	603
	MISC.	4 1/4	4 1/16	2 5/16	1 1/2	1 7/16	2 1/8	1 1/16	1 3/4	6051	—	—
65 lb.	ASCE	4 1/16	4 1/16	2 13/32	1 1/2	1 9/32	2 3/8	2 5/32	1 31/32	6540	65 AS	653
70 lb.	ASCE	4 3/8	4 3/8	2 1/16	3 3/64	1 11/32	2 15/32	1 3/16	2 3/64	7040	70 AS	701
75 lb.	ASCE	4 13/16	4 13/16	2 15/32	1 7/32	1 2 7/64	2 3 3/64	2 7/32	2 15 1/128	7540	75 AS	753
	MO. PAC.	4 3/4	4 3/4	2 9/16	9/16	1 7/16	2 1 5/32	2 7/32	2 5/64	7550	75 MP	—
	S. PAC.	4 15/16	4 7/16	2 7/16	3 3/64	1 3/8	2 2 5/8	1 5/16	2 1/4	7524	75 SP	757
80 lb.	ASCE	5	5	2 1/2	3 5/64	1 1/2	2 5/8	7/8	2 3/16	8040	80 AS	800
	DUDLEY	5 5/8	5	2 1 3/32	1 7/32	1 1/2	2 3/4	7/8	2 1/4	8022	80 DY	—
85 lb.	ASCE	5 3/16	5 3/16	2 9/16	9/16	1 3 5/64	2 3/4	5 7/64	2 1 7/64	8540	85 AS	851
	CAN. PAC.	5 5/8	5	2 1/2	9/16	1 7/16	2 1 1/16	1	2 1 1/32	8524	85 CP	—
	CB&Q	5 3/16	5 3/16	2 2 1/32	9/16	1 3 3/64	2 3/4	5 7/64	2 1 7/64	8543	85 CB	852
	MO. PAC.	5 7/32	5 1/4	2 1 5/32	1 3/4	1 7 1/28	2 2 3/64	5 5/64	2 2 1/128	8550	—	—
	PS	5 5/8	4 5/8	2 1/2	1 7/32	1 2 1/32	2 1 5/32	1	2 1 5/64	8531	85 PS	—
	PRR	5	5	2 2 1/6	1 3/4	1 2 3/8	2 3/8	7/8	2 1 1/16	8533	85 PR	—
	SOO LINE	5 3/8	4 3/8	2 1/2	9/16	1 1 5/32	2 2 3/32	1	2 2 3/64	8520	—	—
90 lb.	ASCE	5 3/8	5 3/8	2 5/8	9/16	1 1 9/32	2 5 5/64	5 9/64	2 4 5/128	9040	90 AS	—
	ARA-A	5 5/8	5 5/8	2 9/16	9/16	1 1 5/32	3 5/32	1	2 3 7/64	9020	90 RA	902
	ARA-B	5 1 7/64	4 4 9/64	2 9/16	9/16	1 3 3/64	2 5/8	1 1/32	2 1 1/32	9030	90 RB	905
	AT&SF	5 5/8	5 3/16	2 9/16	9/16	1 1 5/32	3 3/32	1	2 3 7/64	9021	90 SF	903
	C&NW	5 1 7/32	5 5/32	2 1/2	1/2	1 1 7/32	2 3 1/32	1 1/32	2 2 3/64	9035	90 OM	—
	D&RG	5 1/2	5 1/6	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 1 5/32	2 7/8	1 1/32	2 1 5/32	9024	—	—
	INTRBHG	5	5	2 7/8	1 1/16	1 2 5/32	2 1 1/32	7/8	2 3/64	9050	90 RT	—
	U. PAC.	5 3/4	5 3/8	2 3/4	1 7/32	1 1/2	3 3/8	7/8	2 3/16	9023	—	901
	DUDLEY	5 1/2	5	2 2 1/32	9/16	1 1/2	3 1/32	3 1/32	2 3/8	—	90 DY	—
100 lb.	ASCE	5 3/4	5 3/4	2 3/4	9/16	1 4 5/64	3 5/64	3 1/32	2 6 5/128	10040	100 AS	—
	PS	5 1 1/16	5	2 4 3/64	9/16	1 1 3/16	2 2 5/32	1 3/32	2 3 1/64	10031	100 PS	—
	PRR	5 1/2	5 1/2	2 1 1/16	5/8	1 7/8	2 1 1/16	1 5/16	2 9/32	10033	100 PR	—
	ARA-A	6	5 1/2	2 3/4	9/16	1 9/16	3 3/8	1 1/16	2 3/4	10020	100 RA	1003
	ARA-B	5 4 1/64	5 5/64	2 2 1/32	9/16	1 4 5/64	2 5 5/64	1 5/64	2 6 5/128	10030	100 RB	1002
	AREA	6	5 3/8	2 1 1/16	9/16	1 2 1/32	3 9/32	1 1/16	2 4 5/64	10025	100 RE	10025
	C&NW	5 4 5/64	5 5/64	2 9/16	9/16	1 3 3/64	2 9 1/64	1 3/64	2 7 1/128	10035	100-DM	—
	GRT. NO.	5 3/4	5	2 3/4	9/16	1 5/8	3	1 1/8	2 5/8	10036	100 GN	—
	INTRBHG	5 3/4	5 3/4	2 7/8	9/16	1 4 5/64	3 5/64	3 1/32	2 6 5/128	10005	100 RT	—
	NY.NH&H	6	5 1/2	2 3/4	1 9/32	1 2 3/32	3 1 1/32	1 5/16	2 3 3/64	10034	100 NH	—
	READING	5 5/8	5 3/8	2 2 1/32	9/16	1 4 5/64	2 5 5/64	1 1/16	2 6 3/128	10032	100 RG	—
101 lb.	DL&W	5 7/16	5 3/8	2 3/4	5/8	1 2 3/32	2 1 1/16	1 1/32	2 3/8	10133	101 DL	—
105 lb.	DL&W	6	5 3/8	2 3/4	5/8	1 2 3/32	3 3/4	1 1/32	2 2 1/32	10533	105 DL	—
	DUDLEY	6	5 1/2	3	5/8	1 3/8	3 1 3/32	3 1/32	2 4 5/64	10524	105 DY	—
110 lb.	AREA	6 1/4	5 1/2	2 2 5/32	1 9/32	1 2 3/32	3 1 3/32	1 1/8	2 5 3/64	11025	110 RE	1100
	GR. NO.	6 1/2	5 1/2	2 3/4	1 9/32	1 5/8	3 3/4	1 3/8	3	11036	110 GN	—
	LE. VAL.	6	5 1/2	2 7/8	1 9/32	1 7/8	3 1/16	1 1/16	2 1 9/32	11033	110 LV	—
112 lb.	AREA	6 5/8	5 1/2	2 2 3/32	1 9/32	1 1 1/16	3 1 3/16	1 1/8	2 7/8	11228	112 RE	1121
	TR.	6 3/4	5 1/2	2 1/2	5/8	1 3/4	3 3/8	1 3/8	3 3/8	11229	—	1122
113 lb.	SO. PAC.	6 1 3/16	5 1/2	2 1 1/16	1 9/32	1 7/8	3 1 3/16	1 1/8	3 3/4	—	—	1130
115 lb.	AREA	6 5/8	5 1/2	2 2 3/32	5/8	1 1 1/16	3 1 3/16	1 1/8	2 7/8	11525	115 RE	1150
	DUDLEY	6 1/2	5 1/2	3	5/8	1 1 1/16	3 3/4	1 1/16	3 3/8	11522	115 DY	—
119 lb.	AREA	6 1 3/16	5 1/2	2 2 1/32	5/8	1 7/8	3 1 3/16	1 1/8	2 7/8	11937	119 RE	1190
127 lb.	DUDLEY	7	6 1/4	3	2 1/32	1 1 1/16	4 5/32	1 5/32	3 3/8	12723	127 DYM	—
130 lb.	PS	6 5/8	5 1/2	3	1 1/16	2	3 1 3/32	1 1/2	2 3/4	13031	130 PS	—
	AREA	6 3/4	6	2 5 1/16	2 1/32	1 2 7/32	3 1 1/16	1 1/32	3 1/16	13025	130 RE	1300
131 lb.	AREA	7 1/8	6	3	2 1/32	1 3/4	4 3/16	1 3/16	3 3/4	13128	131 RE	1311
132 lb.	AREA	7 1/8	6	3	2 1/32	1 3/4	4 3/16	1 3/16	3 3/32	13228	132 RE	1321
133 lb.	AREA	7 1/16	6	3	1 1/16	1 5/16	3 1 5/16	1 3/16	3	13331	—	1330
136 lb.	LE. VAL.	7	6 1/2	2 1 5/16	2 1/32	1 7/8	3 7/8	1 1/4	3 3/16	13633	136 LV	—
	AREA	7 5/16	6	2 1 5/16	1 1/16	1 1 5/16	4 3/16	1 3/16	3 3/32	13622	136 RE	13637
140 lb.	AREA	7 3/16	6	3	3/4	2 1/16	4 1/16	1 3/16	3	—	140 RE	—
	PS	7 5/16	6	3	3/4	2 1/16	4 1/16	1 3/16	3	14031	140 PS	—
152 lb.	PS	8	6 3/4	3	1 1/16	1 2 7/32	4 7/8	1 9/32	3 3/4	15222	152 PS	—
155 lb.	PS	8	6 3/4	3	3/4	2 1/16	4 2 1/32	1 9/32	3 3/8	15531	155 PS	—



Rail Sections



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

Rail Weight and Section	Height	Base Width	Head Width	Web	Head Depth	Fishing	Base Depth	Bolt Hole Elevation	Section Designation
175-CRANE	6	6	4¼	1½	1¾	3⁄64	1⁄64	2 ²¹ / ₃₂	17551
171-CRANE	6	6	4.3	1¼	2	2 ³ / ₄	1¼	2 ⁵ / ₈	171CR
140-AREA	7 ⁷ / ₁₆	6	3	¾	2 ¹ / ₁₆	4 ¹ / ₁₆	1 ³ / ₁₆	3	14025
136-AREA	7 ⁷ / ₁₆	6	2 ¹⁵ / ₁₆	1 ¹ / ₁₆	1 ¹⁵ / ₁₆	4 ³ / ₁₆	1 ³ / ₁₆	3 ³ / ₃₂	13622
135-CRANE	5¾	5 ³ / ₁₆	3 ¹ / ₁₆	1¼	1 ⁷ / ₈	2 ¹³ / ₁₆	1 ¹ / ₁₆	2 ¹⁵ / ₃₂	13551
133-AREA	7 ¹ / ₁₆	6	3	1 ¹ / ₁₆	1 ¹⁵ / ₁₆	3 ¹⁵ / ₁₆	1 ³ / ₁₆	3	13331
132-AREA	7 ¹ / ₈	6	3	2 ¹ / ₃₂	1¾	4 ³ / ₁₆	1 ³ / ₁₆	3 ³ / ₃₂	13225
131-AREA	7 ¹ / ₈	6	3	2 ¹ / ₃₂	1¾	4 ³ / ₁₆	1 ³ / ₁₆	3 ¹ / ₄	13128
119-AREA	6 ¹³ / ₁₆	5½	2 ² / ₃₂	¾	1 ⁷ / ₈	3 ¹³ / ₁₆	1 ⁷ / ₈	2 ⁷ / ₈	11925
115-AREA	6 ⁵ / ₈	5½	2 ²³ / ₃₂	5⁄8	1 ¹¹ / ₁₆	3 ¹³ / ₁₆	1 ⁷ / ₈	2 ⁷ / ₈	11525
112-AREA	6 ⁵ / ₈	5½	2 ²³ / ₃₂	1 ⁹ / ₃₂	1 ¹¹ / ₁₆	3 ¹³ / ₁₆	1 ⁷ / ₈	2 ⁷ / ₈	11225
110-AREA	6¼	5½	2 ²⁵ / ₃₂	1 ⁹ / ₃₂	1 ²³ / ₃₂	3 ¹³ / ₃₂	1 ⁷ / ₈	2 ⁵³ / ₆₄	11025
105-CRANE	5 ³ / ₁₆	5 ³ / ₁₆	3	1 ⁵ / ₁₆	1 ²⁵ / ₃₂	2 ¹³ / ₃₂	1	2 ¹³ / ₆₄	10551
105-DUDLEY	6	5½	2¾	¾	1 ⁵ / ₈	3 ¹³ / ₃₂	3 ¹ / ₃₂	2 ⁴³ / ₆₄	10524
104-CRANE	5	5	2½	1	1½	2 ¹ / ₁₆	1 ¹ / ₁₆	2 ⁷ / ₁₆	104CR
100-ARA-A	6	5½	2¾	9⁄16	1 ⁹ / ₁₆	3 ³ / ₈	1 ¹ / ₁₆	2 ³ / ₄	10020
100-ARA-B	5 ⁴¹ / ₆₄	5 ⁹ / ₆₄	2 ²¹ / ₃₂	9⁄16	1 ⁴⁵ / ₆₄	2 ⁵⁵ / ₆₄	1 ⁵ / ₆₄	2 ⁸⁵ / ₁₂₈	10030
100-AREA	6	5 ³ / ₈	2 ¹¹ / ₁₆	9⁄16	1 ²¹ / ₃₂	3 ³ / ₃₂	1 ¹ / ₁₆	2 ⁴⁵ / ₆₄	10025
90-ASCE	5 ³ / ₈	5 ³ / ₈	2 ⁵ / ₈	9⁄16	1 ¹⁹ / ₃₂	2 ⁵⁵ / ₆₄	5 ⁹ / ₆₄	2 ⁴⁵ / ₁₂₈	9040
90-ARA-A	5 ³ / ₈	5 ¹ / ₈	2 ⁹ / ₁₆	9⁄16	1 ¹⁵ / ₃₂	3 ⁵ / ₃₂	1	2 ³⁷ / ₆₄	9020
90-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
85-ASCE	5 ³ / ₁₆	5 ³ / ₁₆	2 ⁹ / ₁₆	9⁄16	1 ³⁵ / ₆₄	2 ³ / ₄	5 ⁷ / ₆₄	2 ¹⁷ / ₆₄	8540
80-ASCE	5	5	2½	3 ⁵ / ₆₄	1½	2 ⁵ / ₈	7⁄8	2 ³ / ₁₆	8040
70-ASCE	4 ³ / ₈	4 ³ / ₈	2 ¹ / ₁₆	3 ³ / ₆₄	1 ¹¹ / ₃₂	2 ¹⁵ / ₃₂	1 ³ / ₁₆	2 ³ / ₆₄	7040
60-ASCE	4¼	4¼	2 ³ / ₈	3 ¹ / ₆₄	1 ⁷ / ₃₂	2 ¹⁷ / ₆₄	4 ⁹ / ₆₄	1 ¹¹⁵ / ₁₂₈	6040
40-ASCE	3½	3½	1 ⁷ / ₈	2 ⁵ / ₆₄	1 ¹ / ₆₄	1 ⁵⁵ / ₆₄	5⁄8	1 ⁷¹ / ₁₂₈	4040
30-ASCE	3 ³ / ₈	3 ³ / ₈	1 ¹¹ / ₁₆	2 ¹ / ₆₄	7⁄8	1 ²³ / ₃₂	1 ⁷ / ₃₂	1 ²⁵ / ₆₄	3040
25-ASCE	2¾	2¾	1½	1 ⁹ / ₆₄	2 ⁵ / ₃₂	1 ³¹ / ₆₄	3 ¹ / ₆₄	1 ²⁹ / ₁₂₈	2540
20-ASCE	2 ⁵ / ₈	2 ⁵ / ₈	1 ¹¹ / ₃₂	¼	2 ³ / ₃₂	1 ¹⁵ / ₃₂	7⁄16	1 ¹¹ / ₆₄	2040
16-ASCE	2 ³ / ₈	2 ³ / ₈	1 ¹¹ / ₆₄	7⁄32	4 ¹ / ₆₄	1 ²³ / ₆₄	3⁄8	1 ¹ / ₁₆	1640
12-ASCE	2	2	1	3⁄16	9⁄16	1 ³ / ₃₂	1 ¹ / ₃₂	5 ¹ / ₆₄	1240

All dimensions are in inches.



Unitrac Railroad Materials Inc.