

TABLE OF RAIL SECTIONS - (DIMENSIONS IN INCHES)

A	B	C	D	E	F	G	H	I	J	K	L	M	N	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL
WT. / YD. LB.	TYPE	MANUFACTURER AND SECTION NUMBER															RAIL HEIGHT	BASE WIDTH	HEAD WIDTH	WEB THICKNESS	HEAD HEIGHT	WEB HEIGHT	BASE HEIGHT	BASE EDGE THICKNESS	HEAD RADIUS	WEB RADIUS	GAGE CORNER RADIUS	TOP FILLET RADIUS	BOTTOM FILLET RADIUS	HEAD SIDE SLOPE	HEAD BOTTOM ANGLE	BASE ANGLE	HEAD RADIUS WIDTH	WEB CENTER LINE	NEUTRAL AXIS DISTANCE	BOLT CENTER LINE	REFERENCE	
		U.S. STEEL	BETHELEM	ILLINOIS	OLD ILLINOIS	CARNEGIE	TENNESSE TC & I	LACKAWANNA	MIDVALE	COLORADO CF & I	INLAND	CAMBRIA	MARYL. PENN.	DOMINION	ALGOMA	SYDNEY	H	B	HD	W	HH	WH	BH	T	RH	RW	R1	R2	R3	S	A1	A2	CH	WC	N	BC		
130	AREMA	13025	130-RE	13025		13025	13025			1300	13025							6 ³ / ₄	6	2 ¹⁵ / ₁₆	2 ¹ / ₃₂	1 ²⁷ / ₃₂	3 ¹ / ₁₆	1 ⁷ / ₃₂		14	14	3 ³ / ₈	1 ¹ / ₂	3 ³ / ₄	1 ¹ / ₁₆ To 1	1 To 4	1 To 4		3 ³ / ₈	3.03		A, E, O
	HEAD FREE - P.S.		130-PS-T															6 ¹³ / ₁₆	5 ¹ / ₂	3	2 ¹ / ₃₂	2 ³ / ₁₆	3 ³ / ₈	1 ⁷ / ₃₂						STR.	18°; U=58°30'	14°		3 ¹ / ₄			A	
	HEAD FREE - R.E.	13027	130-RE-T	13027		13027	13027							13001	138			6 ¹³ / ₁₆	6	2 ²⁷ / ₃₂	2 ¹ / ₃₂	2 ¹ / ₃₂	3 ¹ / ₁₆	1 ⁷ / ₃₂		14	14	3 ³ / ₈	1 ¹ / ₂		1 ¹ / ₁₆ To 1	1 To 4; U=61°	1 To 4		3 ³ / ₈	3.08		A, B, E, O
	PHIL. & READING		130-RG															6 ²⁷ / ₃₂	6	2 ¹⁵ / ₁₆	2 ¹ / ₃₂	1 ¹⁵ / ₁₆	3 ¹ / ₁₆	1 ⁷ / ₃₂						1 ¹ / ₁₆ To 1	1 To 4	1 To 4		3 ³ / ₈			E, K	
	PENNSYLVANIA	13031	130-PS	13031		13031	13031		13030	589	1302	13031						6 ⁵ / ₈	5 ¹ / ₂	3	1 ¹ / ₁₆	2	3 ¹³ / ₃₂	1 ⁷ / ₃₂		12	16	7 ¹ / ₁₆	1 ¹ / ₂	3 ³ / ₄	VERT.	18°	14°		3 ¹ / ₄	3.09	2 ³ / ₄	A, D, E, O
131	AREMA	13128	131-RE	13128		13128	13128			1311	13128							7 ¹ / ₈	6	3	2 ¹ / ₃₂	1 ³ / ₄	4 ³ / ₁₆	1 ³ / ₁₆		24	10 & 23	1 & 1 ¹ / ₄	1 ¹ / ₂	3 ³ / ₄	1 To 40	1 To 4	1 To 4		4 ¹ / ₄			A, E
	HEAD FREE- R.E.	13127																7 ¹ / ₄	6	2 ³ / ₃₂	2 ¹ / ₃₂	1 ⁷ / ₈	4 ³ / ₁₆	1 ³ / ₁₆	1 ¹ / ₈	14	10 & 23	3 ³ / ₈	1 ¹ / ₂		1 To 40	1 To 4; U=60°30'	1 To 4		4 ¹ / ₄			A, B, K
132	AREMA	13225	132-RE	13225		13225	13225			1321	13225							7 ¹ / ₈	6	3	2 ¹ / ₃₂	1 ³ / ₄	4 ³ / ₁₆	1 ³ / ₁₆	1 ¹ / ₈	10	8 & 16	1 ¹ / ₄ & 3 ³ / ₈	3 ³ / ₄ & 5 ⁵ / ₁₆	7 ¹ / ₈	1 To 40	1 To 4	1 To 4	1 ¹ / ₂	3 ⁷ / ₈	3.20		A, E, G
	HEAD FREE - S.O.PAC	13227	132-RE-T	13227		13227	13227			1320								7 ⁵ / ₁₆	6	2 ³ / ₃₂	2 ¹ / ₃₂	1 ¹⁵ / ₁₆	4 ³ / ₁₆	1 ³ / ₁₆	1 ¹ / ₈	14	10 & 23	1 & 3 ³ / ₈	1 ¹ / ₂		1 To 40	1 To 4; U=60°30'	1 To 4	1 ¹³ / ₁₆	4 ¹ / ₄			A, B, E
133	AREMA	13331	133-RE	13331		13331	13331			1330	13331							7 ¹ / ₁₆	6	3	1 ¹ / ₁₆	1 ¹⁵ / ₁₆	3 ¹⁵ / ₁₆	1 ³ / ₁₆	1 ¹ / ₈	10	8 & 16	1 ¹ / ₄ & 3 ³ / ₈	3 ³ / ₄ & 7 ¹ / ₁₆	3 ³ / ₄	1 To 14.3	1 To 3	1 To 4.011	1.4	3 ³ / ₄	3.20		A, E, G
135	CENTRAL OF NJ		135-CR															6 ¹ / ₂	6	3 ⁵ / ₃₂	3 ³ / ₄	2	3 ⁹ / ₃₂	1 ⁷ / ₃₂							4°	14°	14°		3		2 ⁵⁵ / ₆₄	D, H
136	AREMA	13627	136-RE							1360								7 ⁵ / ₁₆	6	2 ¹⁵ / ₁₆	1 ¹ / ₁₆	1 ¹⁵ / ₁₆	4 ³ / ₁₆	1 ³ / ₁₆	1 ¹ / ₈	14	8 & 20	1 ¹ / ₄ & 9 ¹ / ₁₆	3 ³ / ₄ & 5 ⁵ / ₁₆	3 ³ / ₄	1 To 40	1 To 4	1 To 4	1.4	3 ⁷ / ₈	3.35		G
	LEHIGH VALLEY	13633	136-LV	13633		13633	13633											7	6 ¹ / ₂	2 ¹⁵ / ₁₆	2 ¹ / ₃₂	1 ⁷ / ₈	3 ⁷ / ₈	1 ¹ / ₄						4°	1 To 4	1 To 4		3 ¹ / ₂		3 ¹ / ₁₆	A, D, E	
	LEHIGH VALLEY		136-LV															7 ³ / ₈	6 ¹ / ₂	2 ¹⁵ / ₁₆	1 ¹ / ₁₆	1 ²⁵ / ₃₂	4 ³ / ₈	1 ⁷ / ₃₂						4°	1 To 4	1 To 4		3 ⁷ / ₈			E	
	LEHIGH VALLEY		136-LV-M															7	6 ¹ / ₂	2 ¹⁵ / ₁₆	1 ¹ / ₁₆	1 ⁷ / ₈	3 ⁷ / ₈	1 ¹ / ₄						4°	1 To 4	1 To 4		3 ¹ / ₂			E, H	
	NEW YORK CENTRAL		136-NYC															7 ⁹ / ₃₂	6 ¹ / ₄	2 ¹⁵ / ₁₆	1 ¹ / ₁₆	1 ⁷ / ₈	4 ⁵ / ₃₂														K	
140	AREMA / PS	14031	140-RE	14031		14031	14031											7 ⁵ / ₁₆	6	3	3 ³ / ₄	2 ¹ / ₁₆	4 ¹ / ₁₆	1 ³ / ₁₆	1 ¹ / ₈	10	8 & 27	1 ¹ / ₄ & 3 ³ / ₈	3 ³ / ₄ & 7 ¹ / ₁₆	3 ³ / ₄	4°	1 To 3	1 To 4	1.4	4	3.37		A, E, G
152	PENNSYLVANIA	15222	152-PS	15224		15224	15224											8	6 ³ / ₄	3	1 ¹ / ₁₆	1 ²⁷ / ₃₂	4 ⁷ / ₈	1 ⁹ / ₃₂		24	6 & 30	1 & 1 ¹ / ₄	1 ¹ / ₂	3 ³ / ₄	1 To 40	14°	14°	1 ¹³ / ₁₆	5	3.50		A, E, O
155	PENNSYLVANIA	15531	155-PS	15531		15531	15531											8	6 ³ / ₄	3	3 ³ / ₄	2 ¹ / ₁₆	4 ² / ₃₂	1 ⁹ / ₃₂						4°	18°26'10"	14°		4 ¹¹ / ₁₆				A, E