

TABLE OF RAIL SECTIONS - (DIMENSIONS IN INCHES)

A	B	C	D	E	F	G	H	I	J	K	L	M	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	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					
100	SANDBERG																5 ³ / ₄	6 ¹ / ₄	3	1 ⁷ / ₃₂	1 ⁷ / ₈				3 ³ / ₈	5 ³ / ₄	VERT.	1 ¹ / ₂			VERT	20°	20°					N				
101	LACKAWANNA	10133	101-DL	10133		10133	10133	10130									5 ⁷ / ₁₆	5 ³ / ₈	2 ³ / ₄	5 ⁵ / ₈	1 ²³ / ₃₂	2 ¹¹ / ₁₆	1 ¹ / ₃₂		10	8	7 ¹ / ₁₆	1 ¹ / ₄	1 ¹ / ₄	4°	13°	13°		2 ³ / ₈	2.46	2 ³ / ₈		A,C,E				
105	LACKAWANNA	10533	105-DL	10533		10533	10533	1052									6	5 ³ / ₈	2 ³ / ₄	5 ⁵ / ₈	1 ²³ / ₃₂	3 ¹ / ₄	1 ¹ / ₃₂		10	8	7 ¹ / ₁₆	1 ¹ / ₄	1 ¹ / ₄	4°	13°	13°		2 ² / ₃₂	2.79	2 ² / ₃₂		A,C,E				
	DUDLEY	10524	105-DY	10524		10524	10524			10524							6	5 ¹ / ₂	3	5 ⁵ / ₈	1 ⁵ / ₈	3 ¹³ / ₃₂	3 ¹ / ₃₂		14	14	5 ¹ / ₁₆	1 ¹ / ₂	3 ¹ / ₄	1 ¹ / ₁₆ To 1	1 To 4	1 To 4		3 ¹ / ₈	2.88			A,E,O				
	NEW YORK CENTRAL		105-B	10522		10522	10522	1051									6	5 ¹ / ₂	3	5 ⁵ / ₈	1 ⁵ / ₈	3 ¹³ / ₃₂	3 ¹ / ₃₂		14	14	5 ¹ / ₁₆	1 ¹ / ₂	1	1 ¹ / ₁₆ To 1	1 To 4	1 To 4		3 ¹ / ₈	2.88	2 ⁵ / ₈		C,D				
106	MISC.												1060				6 ³ / ₁₆	5 ¹ / ₂	2 ² / ₃₂	1 ⁹ / ₃₂	1 ³ / ₄	3 ³ / ₈	1 ¹ / ₁₆						1 To 40	1 To 4	1 To 4		2 ¹⁵ / ₁₆					H				
107	N.Y., N.H. & H.	10734	107-NH	10734		10734	10734	1072									6 ¹ / ₈	5 ¹ / ₂	2 ³ / ₄	1 ⁹ / ₃₂	1 ²³ / ₃₂	3 ¹ / ₃₂	1 ¹ / ₁₆		12	12	7 ¹ / ₁₆	1 ¹ / ₄	1 ¹ / ₄	4°	13°	13°		2 ⁴ / ₆₄	2.78	2 ⁴ / ₆₄			A,C,E			
110	AREMA	11025	110-RE	11025		11025	11025			1100	11025						6 ¹ / ₄	5 ¹ / ₂	2 ²⁵ / ₃₂	1 ⁹ / ₃₂	1 ²³ / ₃₂	3 ¹³ / ₃₂	1 ¹ / ₈		14	14	3 ³ / ₈	3 ³ / ₈	5 ⁵ / ₈	1 ¹ / ₁₆ To 1	1 To 4	1 To 4		3 ¹ / ₈	2.83				A,E,O			
	ASCE												268				6 ¹ / ₈	6 ¹ / ₈	2 ⁷ / ₈	3 ⁷ / ₆₄	1 ²⁵ / ₃₂	3 ¹ / ₃₂	1		12	12	5 ¹ / ₁₆	1 ¹ / ₄	1 ¹ / ₄	VERT.	13°	13°		2 ⁴³ / ₆₄					I			
	C.T.A.	11050															7	6	2 ³ / ₄	9 ¹ / ₁₆	1 ⁷ / ₈	4 ⁵ / ₁₆	1 ³ / ₁₆						3° 34' 30"	14°	9°							A				
	GREAT NORTHERN	11036	110-GN	11036		11036	11036					11036					6 ¹ / ₂	5 ¹ / ₂	2 ³ / ₄	1 ⁹ / ₃₂	1 ⁵ / ₈	3 ³ / ₄	1 ¹ / ₈		14	14	3 ³ / ₈	1 ¹ / ₂	5 ⁵ / ₈	1 ¹ / ₁₆ To 1	1 To 4	1 To 4		3 ¹ / ₄	2.90				A,E,O			
	HEAD FREE - AREMA	11027	110-RE-T	11027		11027	11027					11027					6 ⁷ / ₁₆	5 ¹ / ₂	2 ¹¹ / ₁₆	1 ⁹ / ₃₂	1 ²⁹ / ₃₂	3 ¹³ / ₃₂	1 ¹ / ₈		14	14	3 ³ / ₈	3 ³ / ₈	1 ¹ / ₁₆ To 1	1 To 4; U=55° 30'	1 To 4	1 To 4		3 ¹ / ₈					A,B,E,K			
LEHIGH VALLEY	11033	110-LV	11033		11033	11033										6	5 ¹ / ₂	2 ⁷ / ₈	1 ⁹ / ₃₂	1 ⁷ / ₈	3 ¹ / ₁₆	1 ¹ / ₁₆						4°	1 To 4	1 To 4		2 ¹⁵ / ₁₆		2 ³ / ₄				A,D,E				
112	AREMA	11228	112-RE	11228		11228	11228			1121	11228						6 ⁵ / ₈	5 ¹ / ₂	2 ²³ / ₃₂	1 ⁹ / ₃₂	1 ¹¹ / ₁₆	3 ¹³ / ₁₆	1 ¹ / ₈		24	10 & 23	1 & 1 ¹ / ₄	3 ³ / ₈	5 ⁵ / ₈	1 To 40	1 To 4	1 To 4		3 ³ / ₄					A,E,K			
	HEAD FREE - R.E.	11227	112-RE-T	11227		11227	11227				11227-HF						6 ³ / ₄	5 ¹ / ₂	2 ¹¹ / ₁₆	1 ⁹ / ₃₂	1 ¹³ / ₁₆	3 ¹³ / ₁₆	1 ¹ / ₈		14	10 & 23	3 ³ / ₈	3 ³ / ₈	1 To 40	1 To 4; U=58°	1 To 4	1 To 4		3 ³ / ₄					A,B,E			
	CB & Q - TR	11229		11229		11229	11229			1122							6 ³ / ₄	5 ¹ / ₂	2 ¹ / ₂	5 ⁵ / ₈	1 ³ / ₄	3 ⁷ / ₈	1 ¹ / ₈						1 To 40	1 To 4; U=77° 45'	1 To 4	1 To 4		3 ¹ / ₈					A,E,K			
113	HEAD FREE - SO.PAC	11327	113-RE-T	11327		11327	11327			1130							6 ¹³ / ₁₆	5 ¹ / ₂	2 ¹¹ / ₁₆	1 ⁹ / ₃₂	1 ⁷ / ₈	3 ¹³ / ₁₆	1 ¹ / ₈		14	10 & 23	1 & 3 ³ / ₈	3 ³ / ₈	1 To 40	1 To 4; U=58°	1 To 4	1 To 4		1 ¹⁹ / ₃₂	3 ³ / ₄				A,B,E			
115	AREMA	11525	115-RE	11525		11525	11525			1150	11525						6 ⁵ / ₈	5 ¹ / ₂	2 ²³ / ₃₂	5 ⁵ / ₈	1 ¹¹ / ₁₆	3 ¹³ / ₁₆	1 ¹ / ₈		10	3 & 14	1 ¹ / ₂ & 3 ³ / ₈	3 ³ / ₄	3 ³ / ₄	1 To 40	1 To 4	1 To 4		1 ¹ / ₄	3 ¹ / ₄	2.98				A,E,G		
	D.R.G.W.									1155							6 ⁵ / ₈	5 ¹ / ₂	2 ²³ / ₃₂	3 ³ / ₄	1 ¹¹ / ₁₆	3 ¹³ / ₁₆	1 ¹ / ₈						4°	13°	13°		3 ¹ / ₃₂						E			
	DUDLEY	11522/11523	115-DY	11523		11523	11523										6 ¹ / ₂	5 ¹ / ₂	3	5 ⁵ / ₈	1 ¹¹ / ₁₆	3 ³ / ₄	1 ¹ / ₁₆		14	14	5 ¹ / ₁₆	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		
	MISC.																6	5 ⁹ / ₁₆	2 ¹⁵ / ₁₆	2 ¹ / ₃₂	1 ⁷ / ₈	3 ¹ / ₁₆	1 ¹ / ₁₆						1 ¹ / ₁₆ To 1	1 To 4	1 To 4		2 ¹⁵ / ₁₆						H			
118	LACKAWANNA		118-DL-M														6 ¹ / ₂	5 ³ / ₈	2 ⁷ / ₈	5 ⁵ / ₈	1 ²⁹ / ₃₂	3 ¹ / ₂	1 ³ / ₃₂						3.25°	13°	13°		3 ¹³ / ₃₂							E		
119	AREMA	11937								1190	11937						6 ¹³ / ₁₆	5 ¹ / ₂	2 ² / ₃₂	5 ⁵ / ₈	1 ⁷ / ₈	3 ¹³ / ₁₆	1 ¹ / ₈		14	3 & 14	1 ¹ / ₂ & 9 ¹ / ₁₆	3 ³ / ₄	3 ³ / ₄	1 To 40	1 To 4	1 To 4		1 ¹ / ₄	3 ¹ / ₄	3.12					G	
120	AREMA			12025		12025	12025										6 ¹ / ₂	5 ³ / ₄	2 ⁷ / ₈	5 ⁵ / ₈	1 ²⁹ / ₃₂	3 ¹⁷ / ₃₂	1 ³ / ₁₆						1 ¹ / ₁₆ To 1	1 To 4	1 To 4		3 ¹ / ₄							H		
	MFG. STD.		120-MS														6 ¹ / ₄	5 ³ / ₄	2 ⁷ / ₈	5 ⁵ / ₈	1 ²⁹ / ₃₂	3 ⁵ / ₃₂	1 ³ / ₁₆		1 ¹ / ₈	12	12	7 ¹ / ₁₆	3 ³ / ₈	3 ³ / ₈	4°	14°	14°		2 ⁴⁹ / ₆₄		2 ⁴⁹ / ₆₄				H,J	
	NEW YORK CENTRAL		120-DY								1201						7	6	3	2 ¹ / ₃₂	1 ⁵ / ₈	4 ⁵ / ₁₆	1 ¹ / ₁₆		14	20	5 ¹ / ₁₆	1 ¹ / ₂	1	1 ¹ / ₁₆ To 1	1 To 4	1 To 4		3 ⁷ / ₈	3.12	3				C,D,E		
122	CB (B&O)		122-CB														6 ²⁵ / ₃₂	6	2 ¹⁵ / ₁₆	2 ¹ / ₃₂	1 ¹⁵ / ₁₆	3 ³⁹ / ₆₄	1 ¹⁵ / ₆₄		1 ¹ / ₈	10	3 & 14	1 ¹ / ₄ & 3 ³ / ₈	3 ³ / ₄	3 ³ / ₄	1 To 20	1 To 2 ³ / ₄	1 To 2 ³ / ₄ , 1 To 13.7	1 ¹⁵ / ₆₄	3 ² / ₆₄	3.18						K
125	PENNSYLVANIA		308	12531		12531	12531	12530	584								6 ¹ / ₂	5 ¹ / ₂	3	2 ¹ / ₃₂	1 ⁷ / ₈	3 ¹³ / ₃₂	1 ⁷ / ₃₂		12	16	7															