

	Description	SECTION DIM. (In.)	RBM (In. lbs) Resisting Bending Mom. (per rail)	WORKING ⁽²⁾ MOMENT (In lbs.) Per Rail	SECTION MODULUS Per Rail (cu. In.)	MIN. YIELD STRENGTH (PSI)	MATERIAL ALLOY	WEIGHT lbs/in. length per rail	RELATIVE ⁽³⁾ STIFFNESS
Main Rail	9 7/8 x 1/4 Steel	9.875 x 3.5 x .25	1,250,000	416,700	10.5	120,000	1082M	1.06	0.70
	10 1/4 x 1/4 Steel	10.25 x 3.5 x .25	1,400,000	466,670	11.7	120,000	1082M	1.15	0.79
	10 1/2 x 1/4 Steel	10.5 x 3.5 x .25 ⁽⁹⁾	960,000	320,000	12.0	80,000	VAN80	1.17	0.54
	10 1/2 x 1/4 Steel	10.5 x 3.41 x .25	1,416,000	472,000	11.8	120,000	1082M	1.15	0.80
	10 5/8 x 5/16 Steel	10.625 x 3.45 x .313	1,776,000	592,000	14.8	120,000	1082M	1.44	1.00
	10 11/16 x 1/2 Steel	10.6875 X 3.5 X 0.5	2,683,000	894,333	22.35	120,000	1082M	2.35	1.51
	10 3/4 x 3/8 Steel	10.75 x 3.50 x .375	2,136,000	712,000	17.8	120,000	1082M	1.74	1.20
	11 5/8 x 3/8 Steel	11.625 x 3.874 x .375	2,568,000	856,000	21.4	120,000	1082M	1.91	1.45
Inserts	13 3/8 x 3/8 Steel	10.75 x 3.625 x .375 Front 13.375 x 3.625 x .375 Back	2,184,000 3,012,000	728,000 1,004,000	18.2 25.1	120,000 120,000	1027 1027	1.78 2.05	1.23 1.70
	Steel BOC/Suspension ⁽⁸⁾	9.875 x 2.87 x .25	1,200,000	400,000	10.0	120,000	1082M	1.04	See Note 5
Liners	9 7/8 Insert ^(6,8)	9.875 x 2.87 x .25	1,200,000	400,000	10.0	120,000	1082M	1.04	See Note 5
	10 3/4 Steel Insert	10.75 x 3.50 x .375	2,136,000	712,000	17.8	120,000	1082M	1.74	See Note 5
	11 5/8 Steel Outsert	11.625 x 3.874 x .375	2,568,000	856,000	21.4	120,000	1082M	1.91	See Note 5
FEPTO SECTIONS 337,348	10 5/8 x 5/16 Steel	5.98 x 2.64 x .313 L Section	303,200 537,600	101,067 179,200	2.53 4.48	120,000 120,000	1082M 1082M	0.77 1.33	0.17 0.30
	10 11/16 x 1/2 Steel n/a W/ Liner	5.98 X 2.64 X 0.5 L Section	466,200	155400	3.89	120,000	1082M	2.22	0.26
	10 3/4 x 3/8 Steel	5.98 x 2.64 x .375 L Section	359,191 604,800	119,730 201,600	2.99 5.04	120,000 120,000	1082M 1082M	1.33 1.48	0.20 0.34
	11 5/8 x 3/8 Steel (n/a with liner)	5.98 x 2.64 x .375 L Section	359,191	119,730	2.99	120,000	1082M	1.33	0.2
FEPTO SECTIONS 365,367	10 5/8" w/reinforcement	L Section/ Inverted L Section	172,000	57,333	3.44	50,000	See Note 13		
	10 11/16 x 1/2 Steel W/Reinforcement	L Section/Inverted L Section	322,000	107,333	6.44	50,000	See Note 13		
	10 3/4 or 11 5/8 w/reinforcement	L Section/ Inverted L Section	181,500	60,500	3.63	50,000	See Note 13		

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