



UFX, U FXV - $F_y = 80$ ksi											
Section Properties						AS D			LRFD		
Metal Thickness		Wt. (psf)	I_p (in ⁴)	S_p (in ³)	S_n (in ³)	V (lbs)	R_{be} (lbs)	R_{bi} (lbs)	V (lbs)	R_{be} (lbs)	R_{bi} (lbs)
Gage	Inches										
26	0.0179	1.0	0.065	0.086	0.089	1410	410	620	2150	630	920
24	0.0239	1.3	0.092	0.125	0.129	2520	710	1090	3830	1090	1630
22	0.0295	1.6	0.119	0.165	0.169	3230	1050	1650	4910	1610	2450
20	0.0358	2.0	0.151	0.213	0.218	3910	1500	2390	5940	2300	3550

The bottom flange can accept a 3/4" shear stud.

UFX, UFX V

UNIFORM TOTAL LOAD / Load that Produces L/180 Deflection, psf											
	Gage	Span Condition	Span								
			4'0"	4'6"	5'0"	5'6"	6'0"	6'6"	7'0"	7'6"	8'0"
AS D	26	Single	129 / 89	102 / 62	83 / 46	68 / 34	57 / 26	49 / 21	42 / 17	37 / 13	32 / 11
		Double	124 / 214	103 / 150	84 / 110	70 / 82	59 / 63	50 / 50	43 / 40	38 / 32	33 / 27
		Triple	141 / 168	125 / 118	104 / 86	86 / 64	73 / 50	62 / 39	54 / 31	47 / 25	41 / 21
	24	Single	188 / 126	148 / 88	120 / 64	99 / 48	83 / 37	71 / 29	61 / 23	53 / 19	47 / 16
		Double	190 / 303	151 / 213	122 / 155	101 / 117	85 / 90	73 / 71	63 / 57	55 / 46	48 / 38
		Triple	236 / 237	187 / 167	152 / 121	126 / 91	106 / 70	91 / 55	78 / 44	68 / 36	60 / 30
	22	Single	248 / 163	196 / 114	158 / 83	131 / 63	110 / 48	94 / 38	81 / 30	70 / 25	62 / 20
		Double	249 / 392	197 / 275	160 / 201	133 / 151	112 / 116	95 / 91	82 / 73	72 / 59	63 / 49
		Triple	308 / 307	245 / 215	199 / 157	165 / 118	139 / 91	119 / 71	103 / 57	89 / 47	79 / 38
	20	Single	320 / 207	252 / 145	204 / 106	169 / 79	142 / 61	121 / 48	104 / 39	91 / 31	80 / 26
		Double	320 / 497	254 / 349	206 / 255	171 / 191	144 / 147	123 / 116	106 / 93	92 / 75	81 / 62
		Triple	396 / 389	315 / 273	256 / 199	213 / 150	179 / 115	153 / 91	132 / 73	115 / 59	101 / 49
LRFD	26	Single	204 / 89	161 / 62	131 / 46	108 / 34	91 / 26	77 / 21	67 / 17	58 / 13	51 / 11
		Double	184 / 214	163 / 150	133 / 110	110 / 82	93 / 63	79 / 50	68 / 40	60 / 32	52 / 27
		Triple	209 / 168	186 / 118	165 / 86	137 / 64	115 / 50	98 / 39	85 / 31	74 / 25	65 / 21
	24	Single	297 / 126	235 / 88	190 / 64	157 / 48	132 / 37	112 / 29	97 / 23	84 / 19	74 / 16
		Double	300 / 303	238 / 213	194 / 155	160 / 117	135 / 90	115 / 71	99 / 57	87 / 46	76 / 38
		Triple	370 / 237	296 / 167	241 / 121	200 / 91	168 / 70	143 / 55	124 / 44	108 / 36	95 / 30
	22	Single	392 / 163	310 / 114	251 / 83	207 / 63	174 / 48	148 / 38	128 / 30	111 / 25	98 / 20
		Double	393 / 392	312 / 275	254 / 201	210 / 151	177 / 116	151 / 91	130 / 73	113 / 59	100 / 49
		Triple	487 / 307	387 / 215	315 / 157	261 / 118	220 / 91	188 / 71	162 / 57	142 / 47	124 / 38
	20	Single	506 / 207	400 / 145	324 / 106	268 / 79	225 / 61	192 / 48	165 / 39	144 / 31	126 / 26
		Double	506 / 497	402 / 349	326 / 255	270 / 191	228 / 147	194 / 116	168 / 93	146 / 75	129 / 62
		Triple	626 / 389	498 / 273	405 / 199	336 / 150	283 / 115	242 / 91	209 / 73	182 / 59	160 / 49

NOTES:
 Vented deck with 1.5% maximum open area is available for use with insulating fills. It is acceptable to ignore the contribution of the insulating fill and use the load table above, however, insulating fill manufacturers have determined load capacities of various combinations of fill and deck both with and without foamed plastic insulation boards. Refer to the fill manufacturer's literature for more specific loading limitations.
 R_{be} is the bearing capacity at an exterior condition based on 1 1/2" of bearing. R_{bi} is the bearing capacity at an interior condition based on 3" of bearing.

UF X, UF X V