

BORRMANN METAL CENTER

I-BEAMS

Material subject to availability. Please call your inside sales rep to confirm alloy, specs, and lengths

DIMENSIONS	TYPE	WEB	FLANGE
DEPTH (in)		THICKNESS (in)	WIDTH (in)
3"	5.70	0.170	2.330
3"	7.50	0.349	2.509
4"	7.70	0.190	2.260
4"	9.50	0.326	2.796
5"	10.00	0.210	3.000
5"	14.75	0.494	3.284
6"	12.50	0.230	3.330
6"	17.25	0.465	3.565
7"	15.30	0.250	3.660
7"	20.00	0.450	3.860
8"	18.40	0.270	4.000
8"	23.00	0.441	4.171
10"	25.40	0.310	4.660
10"	35.00	0.594	4.944

DIMENSIONS	TYPE	WEB	FLANGE
DEPTH (in)		THICKNESS (in)	WIDTH (in)
12"	31.80	0.350	5.000
12"	35.00	0.428	5.078
12"	40.80	0.460	5.250
12"	50.00	0.687	5.477
15"	42.90	0.410	5.500
15"	50.00	0.550	5.640
18"	54.70	0.460	6.000
18"	70.00	0.711	6.251
20"	65.40	0.500	6.250
24"	79.90	0.500	7.000
24"	100.00	0.747	7.247
24"	105.90	0.625	7.875

JUNIOR BEAMS

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SECTION	#/FT	SECTION	FLANGE	WEB
SIZE (in)		DEPTH	WIDTH (in)	THICKNESS (in)
6" x 1-7/8"	4.4	6"	1.844	0.114
7" x 2-1/8"	5.5	7"	2.078	0.126
8" x 2-1/4"	6.5	8"	2.281	0.135

WIDE FLANGE

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SECTION	#/FT	DEPTH	FLANGE	WEB
SIZE (in)		(in)	WIDTH (in)	THICKNESS (in)
4" x 4"	13	4.16	4.06	0.280
5" x 5"	16	5.00	5.00	0.240
5" x 5"	18.9	5.00	5.00	0.316
5" x 5"	19	5.15	5.03	0.240
6" x 4"	9	5.90	3.94	0.170
6" x 4"	12	6.00	4.00	0.230
6" x 4"	16	6.25	4.03	0.260
6" x 6"	15	5.99	5.99	0.260
6" x 6"	20	6.20	6.02	0.365
6" x 6"	25	6.38	6.08	0.455
8" x 4"	10	7.90	3.94	0.170
8" x 4"	13	8.00	4.00	0.230
8" x 4"	15	8.12	4.02	0.245
8" x 5-1/4"	18	8.14	5.25	0.230
8" x 5-1/4"	21	8.28	5.27	0.250
8" x 6-1/2"	24	7.93	6.50	0.245

WIDE FLANGE (continued...)

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8" x 6-1/2"	28	8.06	6.54	0.285
8" x 8"	31	8.00	8.00	0.288
8" x 8"	35	8.12	8.03	0.315
8" x 8"	40	8.25	8.08	0.365
8" x 8"	48	8.50	8.12	0.405
8" x 8"	58	8.75	8.22	0.510
8" x 8"	67	9.00	8.29	0.575
10" x 4"	12	9.87	3.96	0.190
10" x 4"	15	10.00	4.00	0.230
10" x 4"	17	10.12	4.01	0.240
10" x 4"	19	10.25	4.02	0.250
10" x 5-3/4"	22	10.17	5.75	0.240
10" x 5-3/4"	26	10.33	5.77	0.260
10" x 5-3/4"	30	10.47	5.81	0.300
10" x 8"	33	9.75	7.96	0.292
10" x 8"	39	9.94	7.80	0.318
10" x 8"	45	10.12	8.02	0.350
10" x 10"	49	10.00	10.00	0.340
10" x 10"	54	10.12	10.03	0.368
10" x 10"	60	10.25	10.08	0.415
10" x 10"	68	10.40	10.13	0.470
10" x 10"	77	10.60	10.19	0.530
10" x 10"	88	10.84	10.27	0.605
10" x 10"	100	11.12	10.35	0.685
10" x 10"	112	11.38	10.42	0.755
12" x 4"	14	11.91	3.97	0.200
12" x 4"	16	11.99	3.97	0.200
12" x 4"	19	12.16	4.01	0.240
12" x 4"	22	12.31	4.03	0.260
12" x 6-1/2"	26	12.22	6.49	0.230
12" x 6-1/2"	30	12.34	6.52	0.260
12" x 6-1/2"	35	12.50	6.56	0.300
12" x 8"	40	11.94	8.00	0.294
12" x 8"	45	12.06	8.04	0.336
12" x 8"	50	12.19	8.08	0.371
12" x 10"	53	12.06	10.00	0.345
12" x 10"	58	12.19	10.01	0.359
12" x 12"	65	12.12	12.00	0.390
12" x 12"	72	12.25	12.04	0.430
12" x 12"	79	12.38	12.08	0.470
12" x 12"	87	12.53	12.13	0.515
12" x 12"	96	12.71	12.16	0.550
12" x 12"	106	12.89	12.22	0.610
12" x 12"	120	13.12	12.32	0.710
14" x 5"	22	13.72	5.00	0.230
14" x 5"	26	13.89	5.03	0.255
14" x 6-3/4"	30	13.86	6.73	0.270
14" x 6-3/4"	34	14.00	6.75	0.287
14" x 6-3/4"	38	14.12	6.78	0.313
14" x 8"	43	13.68	8.00	0.308
14" x 8"	48	13.81	8.03	0.339
14" x 8"	53	13.94	8.06	0.370
14" x 10"	61	13.91	10.00	0.378
14" x 10"	68	14.06	10.04	0.418
14" x 10"	74	14.19	10.07	0.450
14" x 10"	82	14.31	10.13	0.510
14" x 14-1/2"	90	14.02	14.52	0.440
14" x 14-1/2"	99	14.16	14.57	0.485
14" x 14-1/2"	109	14.32	14.61	0.525
14" x 14-1/2"	120	14.48	14.67	0.590
16" x 5-1/2"	26	15.65	5.50	0.250
16" x 7"	36	15.84	6.99	0.299
16" x 7"	40	16.00	7.00	0.307
16" x 7"	45	16.12	7.04	0.346
16" x 7"	50	16.25	7.07	0.380
16" x 8-1/2"	57	16.43	7.12	0.430
16" x 8-1/2"	67	16.33	10.24	0.395
16" x 8-1/2"	77	16.52	10.30	0.455

WIDE FLANGE (continued....)

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16" x 11-1/2"	89	16.75	10.37	0.525
16" x 11-1/2"	100	15.97	10.43	0.585
18" x 6"	35	17.71	6.00	0.298
18" x 6"	40	17.90	6.18	0.316
18" x 7-1/2"	46	18.06	6.06	0.360
18" x 7-1/2"	50	18.00	7.50	0.358
18" x 7-1/2"	55	18.12	7.53	0.390
18" x 7-1/2"	60	18.25	7.56	0.416
18" x 8-3/4"	64	17.87	8.72	0.403
18" x 8-3/4"	71	18.47	7.64	0.495
18" x 11"	76	18.21	11.04	0.425
18" x 11"	86	18.39	11.09	0.480
18" x 11"	97	18.59	11.15	0.535
18" x 11"	106	18.73	11.20	0.590
18" x 11"	119	18.97	11.27	0.655
21" x 6-1/2"	44	20.66	6.50	0.348
21" x 6-1/2"	50	20.83	6.53	0.380
21" x 6-1/2"	57	21.06	6.56	0.405
21" x 8-1/4"	62	20.99	8.24	0.400
21" x 8-1/4"	68	21.13	8.27	0.430
21" x 8-1/4"	73	21.24	8.30	0.455
21" x 8-1/4"	83	21.43	8.36	0.515
21" x 8-1/4"	93	21.62	8.42	0.580
21" x 12"	111	21.51	12.34	0.550
21" x 12"	122	21.68	12.39	0.600
21" x 12"	132	21.83	12.44	0.650
21" x 12"	147	22.06	12.51	0.720
24" x 7"	55	23.55	7.00	0.396
24" x 7"	62	23.74	7.04	0.430
24" x 9"	68	23.71	8.96	0.416
24" x 9"	76	23.91	8.99	0.440
24" x 9"	84	24.09	9.02	0.470
24" x 9"	94	24.29	9.06	0.516
24" x 12"	104	24.06	12.08	0.500
24" x 12"	117	24.26	12.08	0.550
24" x 12"	120	24.31	12.09	0.556
24" x 12"	131	24.48	12.86	0.605
27" x 10"	84	26.69	9.96	0.463
27" x 10"	94	26.91	9.99	0.490
27" x 10"	102	27.07	10.02	0.518
27" x 10"	114	27.28	10.07	0.570
27" x 14"	146	27.38	13.97	0.605
27" x 14"	161	27.59	14.02	0.660
27" x 14"	178	17.81	14.09	0.725
30" x 10-1/2"	99	29.64	11.46	0.522
30" x 10-1/2"	108	29.82	10.48	0.548
33" x 11-1/2"	118	32.86	11.48	0.544
33" x 11-1/2"	130	33.10	11.51	0.580
36" x 12"	135	35.55	11.95	0.598
36" x 12"	150	35.84	11.97	0.625