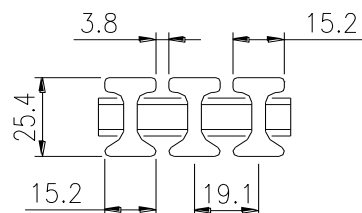




PULTRUDED FIBERGLASS GRATING LOAD TABLES (METRIC)

2 – I-2000 25mm	29 – I-2000 32mm	55 – ET-3300 38mm	73 – HD-3000 25mm	98 – HD-3000 57mm
3 – I-3000 25mm	30 – I-3000 32mm	56 – ET-5000 38mm	74 – HD-4000 25mm	99 – HD-4000 57mm
4 – I-4000 25mm	31 – I-4000 32mm	57 – ET-7200 38mm	75 – HD-5000 25mm	100 – HD-5000 57mm
5 – I-4800 25mm	32 – I-5000 32mm	58 – T-0000 38mm	76 – HD-6000 25mm	101 – HD-6000 57mm
6 – I-5000 25mm	33 – I-6000 32mm	59 – T-1000 38mm	77 – HD-7000 25mm	102 – HD-7000 57mm
7 – I-5500 25mm	34 – I-6500 32mm	60 – T-1200 38mm	78 – HD-3000 32mm	103 – HD-3000 63.5mm
8 – I-6000 25mm	35 – I-7000 32mm	61 – T-1800 38mm	79 – HD-4000 32mm	104 – HD-4000 63.5mm
9 – I-6500 25mm	36 – I-7500 32mm	62 – T-2500 38mm	80 – HD-5000 32mm	105 – HD-5000 63.5mm
10 – I-7000 25mm	37 – I-8000 32mm	63 – T-3000 38mm	81 – HD-6000 32mm	106 – HD-6000 63.5mm
11 – I-7500 25mm	38 – I-8300 32mm	64 – T-3500 38mm	82 – HD-7000 32mm	107 – HD-7000 63.5mm
12 – I-8000 25mm	39 – I-8500 32mm	65 – T-3800 38mm	83 – HD-3000 38mm	108 – R-6200 25mm
13 – I-8300 25mm	40 – I-9000 32mm	66 – T-0000 51mm	84 – HD-4000 38mm	109 – R-7300 25mm
14 – I-8500 25mm	41 – I-2000 38mm	67 – T-1700 51mm	85 – HD-5000 38mm	110 – R-8300 25mm
15 – I-9000 25mm	42 – I-3000 38mm	68 – T-3300 51mm	86 – HD-6000 38mm	111 – R-9000 25mm
16 – T-0000 25mm	43 – I-4000 38mm	69 – T-5000 51mm	87 – HD-7000 38mm	112 – R-9500 25mm
17 – T-1000 25mm	44 – I-4800 38mm	70 – T-5800 51mm	88 – HD-3000 44mm	113 – R-9700 25mm
18 – T-1200 25mm	45 – I-5000 38mm	71 – T-6700 51mm	89 – HD-4000 44mm	
19 – T-1800 25mm	46 – I-5500 38mm	72 – T-7500 51mm	90 – HD-5000 44mm	
20 – T-2500 25mm	47 – I-6000 38mm		91 – HD-6000 44mm	
21 – T-3000 25mm	48 – I-6500 38mm		92 – HD-7000 44mm	
22 – T-3500 25mm	49 – I-7000 38mm		93 – HD-3000 51mm	
23 – T-3800 25mm	50 – I-7500 38mm		94 – HD-4000 51mm	
24 – ET-3300 25mm	51 – I-8000 38mm		95 – HD-5000 51mm	
25 – ET-5000 25mm	52 – I-8300 38mm		96 – HD-6000 51mm	
26 – ET-7200 25mm	53 – I-8500 38mm		97 – HD-7000 51mm	
27 – ET-8300 25mm	54 – I-9000 38mm			
28 – ET-8800 25mm				

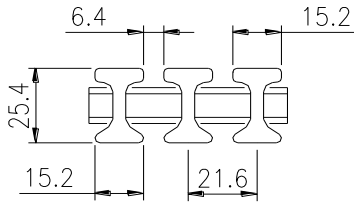
A=	1.056x10 ⁴ mm ² /m	I2000 25mm												STRONGWELL		
I=	8.956x10 ⁵ mm ⁴ /m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)														
S=	7.051x10 ⁴ mm ³ /m	△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD														
E x 10 ¹⁰ N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1		
														safety factor	deflection	
2.75	400	△ u	0.04	0.05	0.05	0.06	0.07	0.08	0.11	0.14	0.16	0.20	0.27	577.2	7.81	
		△ c	0.16	0.19	0.22	0.24	0.27	0.32	0.43	0.54	0.65	0.81	1.08	114.6	6.21	
3.04	600	△ u	0.19	0.22	0.25	0.28	0.31	0.37	0.50	0.62	0.74	0.93	1.24	277.3	17.19	
		△ c	0.50	0.58	0.66	0.74	0.83	0.99	1.32	1.65	1.98	2.48	3.31	84.0	13.88	
3.23	800	△ u	0.55	0.65	0.74	0.83	0.92	1.11	1.47	1.84	2.21	2.77	3.69	160.0	29.49	
		△ c	1.11	1.29	1.47	1.66	1.84	2.21	2.95	3.69	4.42	5.53	7.37	64.0	23.59	
3.34	1000	△ u	1.31	1.52	1.74	1.96	2.18	2.61	3.48	4.35	5.22	6.53	8.71	102.6	44.68	
		△ c	2.09	2.44	2.79	3.13	3.48	4.18	5.57	6.96	8.36	10.45	13.93	50.7	35.28	
3.42	1200	△ u	2.64	3.09	3.53	3.97	4.41	5.29	7.05	8.82	10.58	13.22	17.63	68.0	59.93	
		△ c	3.53	4.11	4.70	5.29	5.88	7.05	9.40	11.75	14.10	17.63		41.3	48.57	
3.45	1400	△ u	4.86	5.67	6.48	7.29	8.09	9.71	12.95	16.19				52.0	84.16	
		△ c	5.55	6.48	7.40	8.33	9.25	11.10	14.80	18.50				36.0	66.59	
3.46	1600	△ u	8.26	9.64	11.02	12.39	13.77	16.52						0.0	0.00	
		△ c	8.26	9.64	11.02	12.39	13.77	16.52						0.0	0.00	
3.47	1800	△ u	13.19	15.39	17.59									0.0	0.00	
		△ c	11.73	13.68	15.64	17.59									0.0	0.00



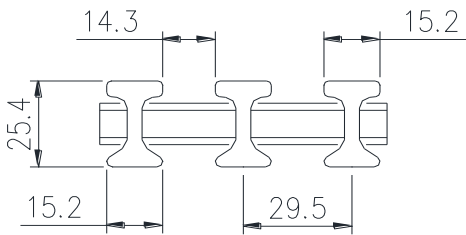
	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
I-2000	25.4	52.36	19.1	3.8	20	21.97 Kg
						Per Sq. Meter

A = 1.06 x 10⁴ mm²/Meter of Width
I = 8.96 x 10⁵ mm⁴/Meter of Width

S = 7.05 x 10⁴ mm³/Meter of Width

A=	9.321x10^3 mm^2/m	I3000 25mm												STRONGWELL																													
I =	7.905x10^5 mm^4/m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)																																									
S=	6.224x10^4 mm^3/m	△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																																									
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1																													
2.75	400	△ u	0.05	0.05	0.06	0.07	0.08	0.09	0.12	0.15	0.18	0.23	0.31	safety factor	deflection																												
		△ c	0.18	0.21	0.25	0.28	0.31	0.37	0.49	0.61	0.74	0.92	1.23	509.4	7.81																												
3.04	600	△ u	0.21	0.25	0.28	0.32	0.35	0.42	0.56	0.70	0.84	1.05	1.40	101.2	6.21																												
		△ c	0.56	0.66	0.75	0.84	0.94	1.12	1.50	1.87	2.25	2.81	3.75	244.7	17.18																												
3.23	800	△ u	0.63	0.73	0.84	0.94	1.04	1.25	1.67	2.09	2.51	3.13	4.18	74.1	13.88																												
		△ c	1.25	1.46	1.67	1.88	2.09	2.51	3.34	4.18	5.01	6.27	8.36	141.2	29.49																												
3.34	1000	△ u	1.48	1.73	1.97	2.22	2.47	2.96	3.95	4.93	5.92	7.40	9.86	56.5	23.59																												
		△ c	2.37	2.76	3.16	3.55	3.95	4.73	6.31	7.89	9.47	11.84	15.78	90.6	44.68																												
3.42	1200	△ u	3.00	3.50	3.99	4.49	4.99	5.99	7.99	9.99	11.98	14.98		44.7	35.28																												
		△ c	3.99	4.66	5.33	5.99	6.66	7.99	10.65	13.32	15.98			60.0	59.92																												
3.45	1400	△ u	5.50	6.42	7.34	8.25	9.17	11.00	14.67					36.5	48.57																												
		△ c	6.29	7.34	8.38	9.43	10.48	12.58	16.77					45.9	84.16																												
3.46	1600	△ u	9.36	10.92	12.48	14.04	15.60							31.8	66.59																												
		△ c	9.36	10.92	12.48	14.04	15.60							0.0	0.00																												
		<table><tr><td></td><td>Bearing Bar</td><td>No bars</td><td>Bearing Bar</td><td>Open</td><td>% Open</td><td>Approx.</td></tr><tr><td>Series</td><td>Thickness</td><td>Meter Width</td><td>Center</td><td>Space</td><td>Area</td><td>Weight</td></tr><tr><td>I-3000</td><td>25.4</td><td>46.30</td><td>21.6</td><td>6.4</td><td>30</td><td>19.53 Kg</td></tr><tr><td colspan="6"></td><td>Per Sq. Meter</td></tr></table>															Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.	Series	Thickness	Meter Width	Center	Space	Area	Weight	I-3000	25.4	46.30	21.6	6.4	30	19.53 Kg							Per Sq. Meter
			Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.																																			
		Series	Thickness	Meter Width	Center	Space	Area	Weight																																			
		I-3000	25.4	46.30	21.6	6.4	30	19.53 Kg																																			
						Per Sq. Meter																																					
$A = 9.32 \times 10^3 \text{ mm}^2/\text{Meter of Width}$														$S = 6.22 \times 10^4 \text{ mm}^3/\text{Meter of Width}$																													
$I = 7.90 \times 10^5 \text{ mm}^4/\text{Meter of Width}$																																											

A=	6.824x10^3 mm^2/m	I4800 25mm												STRONGWELL	
I =	5.786x10^5 mm^4/m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)													
S=	4.558x10^4 mm^3/m	△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
E x 10^10 N/SQm	SPAN mm	WEIGHT PER SQm: 14.6 kg	△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											safe load, 2 to 1	
		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
2.75	400	△ u	0.06	0.07	0.08	0.09	0.10	0.13	0.17	0.21	0.25	0.31	0.42	372.9	7.81
		△ c	0.25	0.29	0.34	0.38	0.42	0.50	0.67	0.84	1.01	1.26	1.68	74.1	6.21
3.04	600	△ u	0.29	0.34	0.38	0.43	0.48	0.58	0.77	0.96	1.15	1.44	1.92	179.2	17.19
		△ c	0.77	0.90	1.02	1.15	1.28	1.54	2.05	2.56	3.07	3.84	5.12	54.3	13.88
3.23	800	△ u	0.86	1.00	1.14	1.28	1.43	1.71	2.28	2.85	3.42	4.28	5.71	103.4	29.50
		△ c	1.71	2.00	2.28	2.57	2.85	3.42	4.57	5.71	6.85	8.56	11.42	41.3	23.60
3.34	1000	△ u	2.02	2.36	2.70	3.03	3.37	4.04	5.39	6.74	8.09	10.11	13.48	66.3	44.68
		△ c	3.23	3.77	4.31	4.85	5.39	6.47	8.62	10.78	12.94	16.17		32.7	35.28
3.42	1200	△ u	4.09	4.78	5.46	6.14	6.82	8.19	10.92	13.64	16.37			43.9	59.94
		△ c	5.46	6.37	7.28	8.19	9.10	10.92	14.55					26.7	48.58
3.45	1400	△ u	7.52	8.77	10.02	11.28	12.53	15.04						33.6	84.17
		△ c	8.59	10.02	11.46	12.89	14.32							23.3	66.60

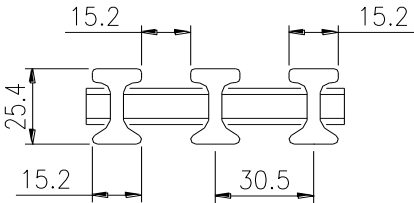


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-4800	25.4	65.79	29.5	14.3	48	14.6 Kg

$A = 6.82 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $S = 4.56 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

$I = 5.79 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

A=	6.602x10 ³ mm ² /m	I5000 25mm												STRONGWELL	
I=	5.597x10 ⁵ mm ⁴ /m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)													
S=	4.407x10 ⁴ mm ³ /m	△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
E x 10 ¹⁰ N/SQm	SPAN mm	WEIGHT PER SQm: 14.2 kg	△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												safe load, 2 to 1
		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
2.75	400	△ u	0.06	0.08	0.09	0.10	0.11	0.13	0.17	0.22	0.26	0.32	0.43	360.8	7.81
		△ c	0.26	0.30	0.35	0.39	0.43	0.52	0.69	0.87	1.04	1.30	1.73	71.7	6.21
3.04	600	△ u	0.30	0.35	0.40	0.45	0.50	0.60	0.79	0.99	1.19	1.49	1.98	173.3	17.19
		△ c	0.79	0.93	1.06	1.19	1.32	1.59	2.12	2.64	3.17	3.97	5.29	52.5	13.88
3.23	800	△ u	0.89	1.03	1.18	1.33	1.48	1.77	2.36	2.95	3.54	4.43	5.90	100.0	29.50
		△ c	1.77	2.07	2.36	2.66	2.95	3.54	4.72	5.90	7.08	8.85	11.80	40.0	23.60
3.34	1000	△ u	2.09	2.44	2.79	3.13	3.48	4.18	5.57	6.97	8.36	10.45	13.93	64.2	44.69
		△ c	3.34	3.90	4.46	5.01	5.57	6.69	8.92	11.14	13.37	16.72		31.7	35.29
3.42	1200	△ u	4.23	4.94	5.64	6.35	7.05	8.46	11.28	14.11	16.93			42.5	59.95
		△ c	5.64	6.58	7.52	8.46	9.40	11.28	15.05					25.8	48.58
3.45	1400	△ u	7.77	9.07	10.36	11.66	12.95	15.54						32.5	84.19
		△ c	8.88	10.36	11.84	13.32	14.80							22.5	66.61

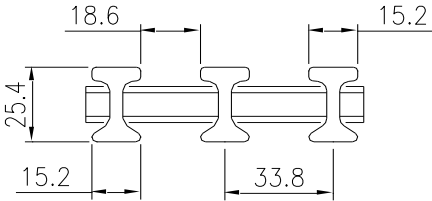


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-5000	25.4	32.79	30.5	15.2	50	14.16 Kg

$A = 6.60 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $S = 4.41 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

$I = 5.60 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

A=	5.967x10^3 mm^2/m	I5500 25mm												STRONGWELL	
I =	5.051x10^5 mm^4/m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)													
S=	3.977x10^4 mm^3/m	△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
E x 10^10 N/SQm	SPAN mm	WEIGHT PER SQm: 13.2 kg	△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											safe load, 2 to 1	
		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
2.75	400	△ u	0.07	0.08	0.10	0.11	0.12	0.14	0.19	0.24	0.29	0.36	0.48	325.4	7.81
		△ c	0.29	0.34	0.38	0.43	0.48	0.58	0.77	0.96	1.15	1.44	1.92	64.6	6.20
3.04	600	△ u	0.33	0.38	0.44	0.49	0.55	0.66	0.88	1.10	1.32	1.65	2.20	156.3	17.18
		△ c	0.88	1.03	1.17	1.32	1.47	1.76	2.34	2.93	3.52	4.40	5.86	47.3	13.87
3.23	800	△ u	0.98	1.14	1.31	1.47	1.63	1.96	2.62	3.27	3.92	4.90	6.54	90.2	29.48
		△ c	1.96	2.29	2.62	2.94	3.27	3.92	5.23	6.54	7.85	9.81	13.08	36.1	23.58
3.34	1000	△ u	2.32	2.70	3.09	3.47	3.86	4.63	6.17	7.72	9.26	11.58	15.44	57.9	44.66
		△ c	3.70	4.32	4.94	5.56	6.17	7.41	9.88	12.35	14.82	18.52		28.6	35.27
3.42	1200	△ u	4.69	5.47	6.25	7.03	7.82	9.38	12.50	15.63	18.76			38.3	59.90
		△ c	6.25	7.29	8.34	9.38	10.42	12.50	16.67					23.3	48.55
3.45	1400	△ u	8.61	10.05	11.48	12.92	14.35	17.22						29.3	84.13
		△ c	9.84	11.48	13.12	14.76	16.40	19.68						20.3	66.56

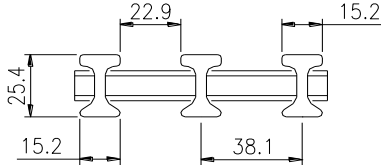


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-5500	25.4	29.60	33.8	18.6	55	13.18 Kg

$A = 5.96 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $S = 3.98 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

$I = 5.05 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

A= 5.282x10^3 mm^2/m		I6000 25mm		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)												STRONGWELL			
I= 4.478x10^5 mm^4/m																			
S= 3.526x10^4 mm^3/m																			
E x 10^10 N/SQm	SPAN mm	LOAD 	3	5	8	10	13	15	20	25	39	50	100	150	200	250	safe load, 2 to 1		
																	safety factor	deflection	
2.75	400	△ u	0.08	0.14	0.22	0.27	0.35	0.41	0.54	0.68	1.06	1.35	2.71	4.06	5.41	6.77	288.7	7.81	
		△ c	0.32	0.54	0.87	1.08	1.41	1.62	2.17	2.71	4.22	5.41	10.83				57.3	6.21	
3.04	600	△ u	0.37	0.62	0.99	1.24	1.61	1.86	2.48	3.10	4.83	6.20	12.40					138.7	17.19
		△ c	0.99	1.65	2.64	3.31	4.30	4.96	6.61	8.26	12.89	16.53					42.0	13.88	
3.23	800	△ u	1.11	1.84	2.95	3.69	4.79	5.53	7.37	9.22	14.38						80.0	29.50	
		△ c	2.21	3.69	5.90	7.37	9.59	11.06	14.75								32.0	23.60	
3.34	1000	△ u	2.61	4.35	6.96	8.71	11.32	13.06									51.3	44.69	
		△ c	4.18	6.96	11.14	13.93											25.3	35.29	
3.42	1200	△ u	5.29	8.82	14.10													34.0	59.95
		△ c	7.05	11.75													20.7	48.58	

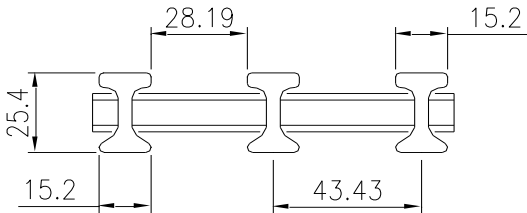


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
I-6000	25.4	26.25	38.1	22.9	60	11.72 Kg
						Per
						Sq. Meter

A = 5.28 x 10³ mm²/Meter of Width
I = 4.48 x 10⁵ mm⁴/Meter of Width

S = 3.53 x 10⁴ mm³/Meter of Width

A=	4.634x10^3 mm^2/m	I6500 25mm												STRONGWELL			
I=	3.932x10^5 mm^4/m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)															
S=	3.090x10^4 mm^3/m	△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
		WEIGHT PER SQm: 10.7 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
2.75	400	△ u	0.09	0.11	0.12	0.14	0.15	0.18	0.25	0.31	0.37	0.46	0.62	253.2	7.81		
		△ c	0.37	0.43	0.49	0.55	0.62	0.74	0.99	1.23	1.48	1.85	2.47	50.3	6.20		
3.04	600	△ u	0.42	0.49	0.56	0.64	0.71	0.85	1.13	1.41	1.69	2.12	2.82	121.6	17.17		
		△ c	1.13	1.32	1.51	1.69	1.88	2.26	3.01	3.76	4.52	5.65	7.53	36.8	13.87		
3.23	800	△ u	1.26	1.47	1.68	1.89	2.10	2.52	3.36	4.20	5.04	6.30	8.40	70.2	29.47		
		△ c	2.52	2.94	3.36	3.78	4.20	5.04	6.72	8.40	10.08	12.60	16.80	28.1	23.58		
3.34	1000	△ u	2.97	3.47	3.97	4.46	4.96	5.95	7.93	9.91	11.90	14.87		45.0	44.65		
		△ c	4.76	5.55	6.35	7.14	7.93	9.52	12.69	15.86				22.2	35.25		
3.42	1200	△ u	6.02	7.03	8.03	9.04	10.04	12.05	16.06					29.8	59.88		
		△ c	8.03	9.37	10.71	12.05	13.39	16.06					18.1	48.53			

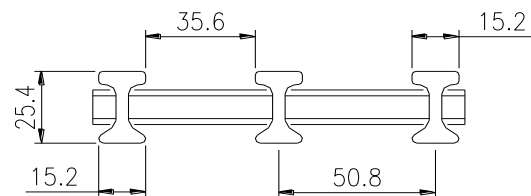


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
I-6500	25.4	23.02	43.43	28.19	65	10.74 Kg
						Per Sq. Meter

A = 4.63 x 10^3 mm^2/Meter of Width
I = 3.93 x 10^5 mm^4/Meter of Width

S = 3.09 x 10^4 mm^3/Meter of Width

A= 3.961x10^3 mm^2/m		I7000 25mm										LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)										STRONGWELL	
I= 3.358x10^5 mm^4/m												△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD											
S= 2.644x10^4 mm^3/m		WEIGHT PER SQm: 9.3 kg										△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD										safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection								
2.75	400	△ u	0.11	0.13	0.14	0.16	0.18	0.22	0.29	0.36	0.43	0.54	0.72	216.5	7.81								
		△ c	0.43	0.51	0.58	0.65	0.72	0.87	1.16	1.44	1.73	2.17	2.89	43.0	6.21								
3.04	600	△ u	0.50	0.58	0.66	0.74	0.83	0.99	1.32	1.65	1.98	2.48	3.31	104.0	17.19								
		△ c	1.32	1.54	1.76	1.98	2.20	2.64	3.53	4.41	5.29	6.61	8.82	31.5	13.89								
3.23	800	△ u	1.48	1.72	1.97	2.21	2.46	2.95	3.93	4.92	5.90	7.38	9.83	60.0	29.50								
		△ c	2.95	3.44	3.93	4.43	4.92	5.90	7.87	9.83	11.80	14.75		24.0	23.60								
3.34	1000	△ u	3.48	4.06	4.64	5.22	5.80	6.97	9.29	11.61	13.93			38.5	44.70								
		△ c	5.57	6.50	7.43	8.36	9.29	11.15	14.86					19.0	35.29								
3.42	1200	△ u	7.05	8.23	9.40	10.58	11.76	14.11							25.5	59.95							
		△ c	9.40	10.97	12.54	14.11	15.67							15.5	48.59								

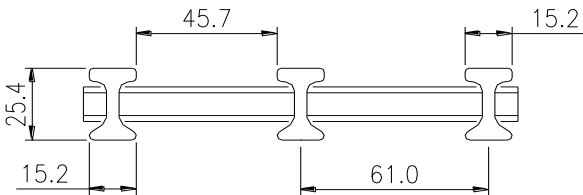


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
I-7000	25.4	19.68	50.8	35.6	70	9.28 Kg
						Per
						Sq. Meter

A = 3.96 x 10^3 mm^2/Meter of Width
I = 3.36 x 10^5 mm^4/Meter of Width

S = 2.64 x 10^4 mm^3/Meter of Width

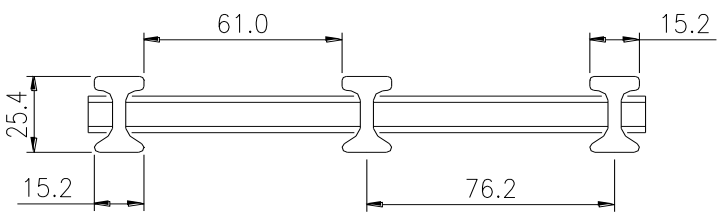
A=	3.301x10 ³ mm ² /m	I7500 25mm												STRONGWELL	
I =	2.799x10 ⁵ mm ⁴ /m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)													
S=	2.204x10 ⁴ mm ³ /m	△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
E x 10 ¹⁰ N/SQm	SPAN mm	WEIGHT PER SQm: 8.3 kg	△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											safe load, 2 to 1	
		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
2.75	400	△ u	0.13	0.15	0.17	0.19	0.22	0.26	0.35	0.43	0.52	0.65	0.87	180.4	7.81
		△ c	0.52	0.61	0.69	0.78	0.87	1.04	1.39	1.73	2.08	2.60	3.46	35.8	6.21
3.04	600	△ u	0.59	0.69	0.79	0.89	0.99	1.19	1.59	1.98	2.38	2.97	3.97	86.7	17.19
		△ c	1.59	1.85	2.12	2.38	2.64	3.17	4.23	5.29	6.35	7.93	10.58	26.3	13.88
3.23	800	△ u	1.77	2.06	2.36	2.65	2.95	3.54	4.72	5.90	7.08	8.85	11.80	50.0	29.50
		△ c	3.54	4.13	4.72	5.31	5.90	7.08	9.44	11.80	14.16			20.0	23.60
3.34	1000	△ u	4.18	4.87	5.57	6.27	6.96	8.36	11.14	13.93	16.71			32.1	44.69
		△ c	6.69	7.80	8.91	10.03	11.14	13.37						15.8	35.29
3.42	1200	△ u	8.46	9.87	11.28	12.69	14.10	16.92						21.3	59.94
		△ c	11.28	13.16	15.04	16.92								12.9	48.58



Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-7500	25.4	16.39	61.0	45.7	75	8.30 Kg

$A = 3.30 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $S = 2.20 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $I = 2.80 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

A= 2.641x10^3 mm^2/m		I8000 25mm										LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)					STRONGWELL		
I = 2.239x10^5 mm^4/m												△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD							
S= 1.763x10^4 mm^3/m		WEIGHT PER SQm: 6.8 kg										△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD					safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection				
2.75	400	△ u	0.16	0.19	0.22	0.24	0.27	0.32	0.43	0.54	0.65	0.81	1.08	144.3	7.81				
		△ c	0.65	0.76	0.87	0.97	1.08	1.30	1.73	2.17	2.60	3.25	4.33	28.7	6.21				
3.04	600	△ u	0.74	0.87	0.99	1.12	1.24	1.49	1.98	2.48	2.98	3.72	4.96	69.3	17.19				
		△ c	1.98	2.31	2.64	2.98	3.31	3.97	5.29	6.61	7.93	9.92	13.22	21.0	13.88				
3.23	800	△ u	2.21	2.58	2.95	3.32	3.69	4.42	5.90	7.37	8.85	11.06	14.75	40.0	29.50				
		△ c	4.42	5.16	5.90	6.64	7.37	8.85	11.80	14.75				16.0	23.60				
3.34	1000	△ u	5.22	6.09	6.96	7.84	8.71	10.45	13.93					25.7	44.69				
		△ c	8.36	9.75	11.14	12.54	13.93	16.72					12.7	35.28					

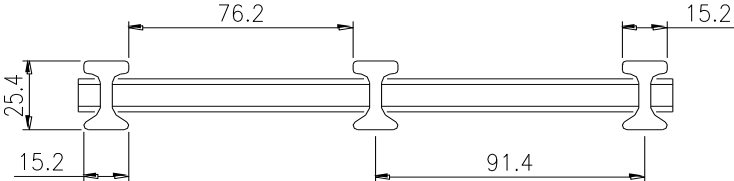


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
I-8000	25.4	13.12	76.2	61.0	80	6.84 Kg
						Per Sq. Meter

$A = 2.64 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 2.24 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S = 1.76 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A=	2.201x10^3 mm^2/m	I8300 25mm												STRONGWELL		
I =	1.870x10^5 mm^4/m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)														
S=	1.467x10^4 mm^3/m	△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD														
		WEIGHT PER SQm: 6.3 kg														
		△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD														
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1		
														safety factor	deflection	
2.75	400	△ u	0.19	0.23	0.26	0.29	0.32	0.39	0.52	0.65	0.78	0.97	1.30	120.3	7.80	
		△ c	0.78	0.91	1.04	1.17	1.30	1.56	2.07	2.59	3.11	3.89	5.19	23.9	6.19	
3.04	600	△ u	0.89	1.04	1.19	1.34	1.48	1.78	2.37	2.97	3.56	4.45	5.94	57.8	17.15	
		△ c	2.37	2.77	3.17	3.56	3.96	4.75	6.33	7.92	9.50	11.87	15.83	17.5	13.85	
3.23	800	△ u	2.65	3.09	3.53	3.97	4.41	5.30	7.06	8.83	10.60	13.24		33.3	29.44	
		△ c	5.30	6.18	7.06	7.95	8.83	10.60	14.13					13.3	23.55	
3.34	1000	△ u	6.25	7.30	8.34	9.38	10.42	12.51	16.68					21.4	44.59	
		△ c	10.01	11.67	13.34	15.01	16.68							10.6	35.21	

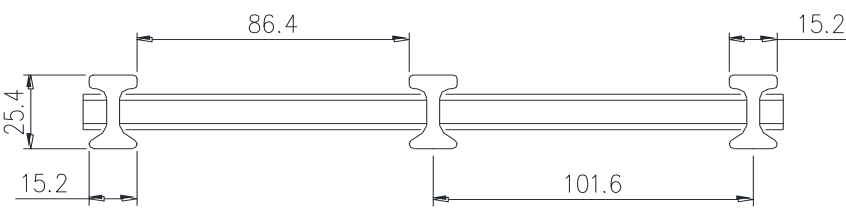


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-8300	25.4	10.94	91.4	76.2	83	6.35 Kg

$A = 2.20 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 1.87 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S = 1.47 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A=	1.981x10^3 mm^2/m	I8500 25mm												STRONGWELL				
I =	1.679x10^5 mm^4/m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)																
S=	1.322x10^4 mm^3/m	△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																
		WEIGHT PER SQm: 5.9 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD			safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection			
2.75	400	△ u	0.22	0.25	0.29	0.32	0.36	0.43	0.58	0.72	0.87	1.08	1.44	108.3	7.81			
		△ c	0.87	1.01	1.16	1.30	1.44	1.73	2.31	2.89	3.47	4.33	5.78	21.5	6.21			
3.04	600	△ u	0.99	1.16	1.32	1.49	1.65	1.98	2.64	3.31	3.97	4.96	6.61	52.0	17.19			
		△ c	2.64	3.09	3.53	3.97	4.41	5.29	7.05	8.82	10.58	13.22		15.8	13.89			
3.23	800	△ u	2.95	3.44	3.93	4.43	4.92	5.90	7.87	9.83	11.80	14.75		30.0	29.50			
		△ c	5.90	6.88	7.87	8.85	9.83	11.80	15.73					12.0	23.60			
3.34	1000	△ u	6.97	8.13	9.29	10.45	11.61	13.93						19.3	44.70			
		△ c	11.15	13.00	14.86	16.72								9.5	35.29			

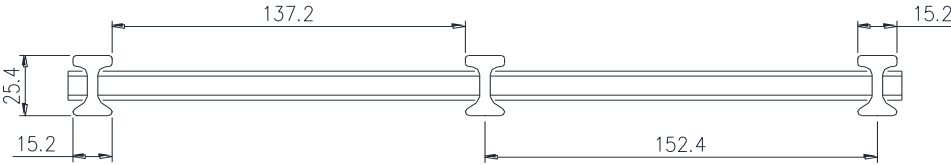


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-8500	25.4	9.84	101.6	86.4	85	5.9 Kg

$A = 1.98 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 1.68 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S = 1.32 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 1.320x10^3 mm^2/m		I9000 25mm											LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)											STRONGWELL		
I = 1.119x10^5 mm^4/m		WEIGHT PER SQm:4.4 kg											△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
S= 8.81x10^3 mm^3/m													△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD													
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1												
														safety factor	deflection											
2.75	400	△ u	0.32	0.38	0.43	0.49	0.54	0.65	0.87	1.08	1.30	1.62	2.17	72.2	7.82											
		△ c	1.30	1.52	1.73	1.95	2.17	2.60	3.47	4.33	5.20	6.50	8.67	14.3	6.21											
3.04	600	△ u	1.49	1.74	1.98	2.23	2.48	2.98	3.97	4.96	5.95	7.44	9.92	34.7	17.20											
		△ c	3.97	4.63	5.29	5.95	6.61	7.94	10.58	13.23	15.87			10.5	13.89											
3.23	800	△ u	4.43	5.16	5.90	6.64	7.38	8.85	11.80	14.76				20.0	29.52											
		△ c	8.85	10.33	11.80	13.28	14.76							8.0	23.61											

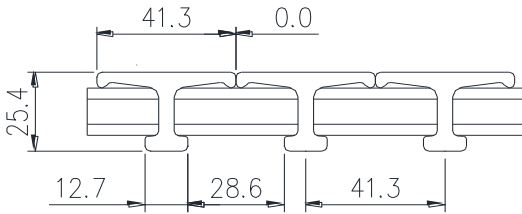


Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area
I-9000	25.4	6.56	152.4	137.2	90
					4.4 Kg
					Per
					Sq. Meter

A = 1.32 x 10^3 mm^2/Meter of Width
I = 1.12 x 10^5 mm^4/Meter of Width

S = 8.81 x 10^3 mm^3/Meter of Width

A= 7.605x10^3 mm^2/m		T0000 25mm												STRONGWELL			
I = 5.545x10^5 mm^4/m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)															
St= 6.420x10^4 mm^3/m		△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
Sb= 3.307x10^4 mm^3/m		WEIGHT PER SQm: 15.3 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
2.39	400	△ u	0.08	0.09	0.10	0.11	0.13	0.15	0.20	0.25	0.30	0.38	0.50	364.3	9.16		
		△ c	0.30	0.35	0.40	0.45	0.50	0.60	0.80	1.01	1.21	1.51	2.01	72.6	7.31		
2.61	600	△ u	0.35	0.41	0.47	0.52	0.58	0.70	0.93	1.17	1.40	1.75	2.33	156.3	18.23		
		△ c	0.93	1.09	1.24	1.40	1.55	1.87	2.49	3.11	3.73	4.66	6.22	46.8	14.54		
2.78	800	△ u	1.04	1.21	1.38	1.56	1.73	2.08	2.77	3.46	4.15	5.19	6.92	89.8	31.09		
		△ c	2.08	2.42	2.77	3.11	3.46	4.15	5.54	6.92	8.30	10.38	13.84	28.3	19.59		
2.9	1000	△ u	2.43	2.83	3.24	3.64	4.05	4.86	6.48	8.10	9.72	12.15		56.6	45.84		
		△ c	3.89	4.53	5.18	5.83	6.48	7.77	10.36	12.96	15.55			28.3	36.68		
3.01	1200	△ u	4.85	5.66	6.47	7.28	8.09	9.71	12.94						35.7	57.74	
		△ c	6.47	7.55	8.63	9.71	10.78	12.94						22.2	47.79		



Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area
T-0000	25.4	24.21	41.3	0.0	0

A = 7.61 x 10³ mm²/Meter of Width

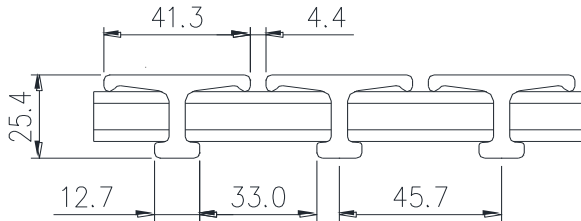
I = 5.55 x 10⁵ mm⁴/Meter of Width

S_T = 6.42 x 10⁴ mm³/Meter of Width

S_B = 3.31 x 10⁴ mm³/Meter of Width

15.3 Kg Per Sq. Meter

A= 6.866x10^3 mm^2/m		T1000 25mm												STRONGWELL			
I = 5.006x10^5 mm^4/m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)															
St= 5.796x10^4 mm^3/m		Δ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
Sb= 2.986x10^4 mm^3/m		WEIGHT PER SQm: 14.2 kg												Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
2.39	400	Δ u	0.08	0.10	0.11	0.13	0.14	0.17	0.22	0.28	0.33	0.42	0.56	328.9	9.16		
		Δ c	0.33	0.39	0.45	0.50	0.56	0.67	0.89	1.11	1.34	1.67	2.23	65.5	7.30		
2.61	600	Δ u	0.39	0.45	0.52	0.58	0.65	0.77	1.03	1.29	1.55	1.94	2.58	141.1	18.22		
		Δ c	1.03	1.21	1.38	1.55	1.72	2.07	2.76	3.44	4.13	5.17	6.89	42.2	14.54		
2.78	800	Δ u	1.15	1.34	1.53	1.72	1.92	2.30	3.07	3.83	4.60	5.75	7.66	81.1	31.08		
		Δ c	2.30	2.68	3.07	3.45	3.83	4.60	6.13	7.66	9.20	11.50	15.33	25.6	19.59		
2.9	1000	Δ u	2.69	3.14	3.59	4.04	4.48	5.38	7.18	8.97	10.76	13.45		51.1	45.84		
		Δ c	4.31	5.02	5.74	6.46	7.18	8.61	11.48	14.35				25.6	36.67		
3.01	1200	Δ u	5.38	6.27	7.17	8.06	8.96	10.75	14.33					32.2	57.73		
		Δ c	7.17	8.36	9.56	10.75	11.95	14.33					20.0	47.78			

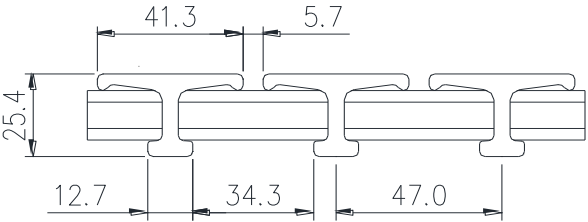


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
T-1000	25.4	21.88	45.7	4.4	10	14.2 Kg
						Per
						Sq. Meter

$A = 6.87 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 5.01 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S_T = 5.80 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $S_B = 2.99 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 6.680x10 ³ mm ² /m		T1200 25mm												STRONGWELL	
I = 4.871x10 ⁵ mm ⁴ /m		T BARS ARE 1.85" O.C.													
St= 5.639x10 ⁴ mm ³ /m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)													
Sb= 2.905x10 ⁴ mm ³ /m		△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
E x 10 ¹⁰ N/SQm		WEIGHT PER SQm: 13.7 kg												safe load, 2 to 1	
SPAN mm		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
2.39	400	△ u	0.09	0.10	0.11	0.13	0.14	0.17	0.23	0.29	0.34	0.43	0.57	320.0	9.16
		△ c	0.34	0.40	0.46	0.52	0.57	0.69	0.92	1.15	1.37	1.72	2.29	63.8	7.31
2.61	600	△ u	0.40	0.46	0.53	0.60	0.66	0.80	1.06	1.33	1.59	1.99	2.65	137.3	18.22
		△ c	1.06	1.24	1.42	1.59	1.77	2.12	2.83	3.54	4.25	5.31	7.08	41.1	14.54
2.78	800	△ u	1.18	1.38	1.58	1.77	1.97	2.36	3.15	3.94	4.73	5.91	7.88	78.9	31.08
		△ c	2.36	2.76	3.15	3.54	3.94	4.73	6.30	7.88	9.45	11.82		24.9	19.59
2.9	1000	△ u	2.77	3.23	3.69	4.15	4.61	5.53	7.37	9.22	11.06	13.83		49.7	45.84
		△ c	4.42	5.16	5.90	6.64	7.37	8.85	11.80	14.75				24.9	36.67
3.01	1200	△ u	5.52	6.45	7.37	8.29	9.21	11.05	14.73					31.4	57.74
		△ c	7.37	8.59	9.82	11.05	12.28	14.73						19.5	47.78

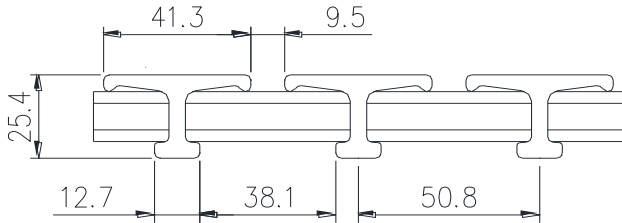


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
T-1200	25.4	21.28	47.0	5.7	12	13.7 Kg

$A = 6.68 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 4.87 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S_T = 5.64 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $S_B = 2.91 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 6.179x10^3 mm^2/m		T1800 25mm STRONGWELL LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED) △ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD △ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												safe load, 2 to 1														
I = 4.505x10^5 mm^4/m														WEIGHT PER SQm: 12.7 kg	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
St= 5.216x10^4 mm^3/m																												
Sb= 2.687x10^4 mm^3/m																												
E x 10^10 N/SQm	SPAN mm	△ u	0.09	0.11	0.12	0.14	0.15	0.19	0.25	0.31	0.37	0.46	0.62	296	9.16													
2.39	400	△ c	0.37	0.43	0.50	0.56	0.62	0.74	0.99	1.24	1.49	1.86	2.48	59	7.31													
		△ u	0.43	0.50	0.57	0.65	0.72	0.86	1.15	1.44	1.72	2.15	2.87	127	18.23													
2.61	600	△ c	1.15	1.34	1.53	1.72	1.91	2.30	3.06	3.83	4.59	5.74	7.65	38	14.54													
		△ u	1.28	1.49	1.70	1.92	2.13	2.56	3.41	4.26	5.11	6.39	8.52	73	31.09													
2.78	800	△ c	2.56	2.98	3.41	3.83	4.26	5.11	6.81	8.52	10.22	12.78		23	19.59													
		△ u	2.99	3.49	3.99	4.48	4.98	5.98	7.97	9.97	11.96		46	45.85														
2.9	1000	△ c	4.78	5.58	6.38	7.18	7.97	9.57	12.76					23	36.68													
		△ u	5.97	6.97	7.96	8.96	9.96	11.95					29	57.74														
3.01	1200	△ c	7.96	9.29	10.62	11.95	13.27							18	47.79													

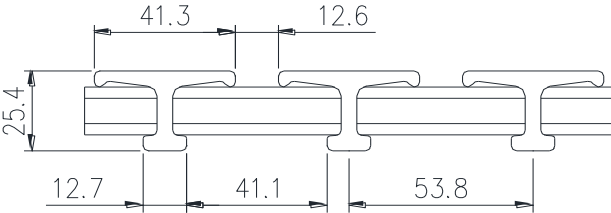


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
T-1800	25.4	19.68	50.8	9.5	18	12.7 Kg

A = 6.18 x 10^3 mm^2/Meter of Width
I = 4.51 x 10^5 mm^4/Meter of Width

S_T = 5.22 x 10^4 mm^3/Meter of Width
S_B = 2.69 x 10^4 mm^3/Meter of Width

A= 5.829x10^3 mm^2/m		T2500 25mm												T BARS ARE 2.18" O.C.		STRONGWELL			
I = 4.250x10^5 mm^4/m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)																	
St= 4.921x10^4 mm^3/m		△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																	
Sb= 2.535x10^4 mm^3/m		△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD																	
E x 10^10 N/SQm		SPAN mm		WEIGHT PER SQm: 12.2 kg												safe load, 2 to 1			
		LOAD 		3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection			
2.39	400	△ u		0.10	0.11	0.13	0.15	0.16	0.20	0.26	0.33	0.39	0.49	0.66	279.2	9.16			
		△ c		0.39	0.46	0.53	0.59	0.66	0.79	1.05	1.31	1.58	1.97	2.63	55.7	7.31			
2.61	600	△ u		0.46	0.53	0.61	0.68	0.76	0.91	1.22	1.52	1.83	2.28	3.04	119.8	18.23			
		△ c		1.22	1.42	1.62	1.83	2.03	2.43	3.25	4.06	4.87	6.09	8.11	35.8	14.54			
2.78	800	△ u		1.35	1.58	1.81	2.03	2.26	2.71	3.61	4.51	5.42	6.77	9.03	68.9	31.09			
		△ c		2.71	3.16	3.61	4.06	4.51	5.42	7.22	9.03	10.83	13.54		21.7	19.59			
2.9	1000	△ u		3.17	3.70	4.23	4.75	5.28	6.34	8.45	10.56	12.68				43.4	45.85		
		△ c		5.07	5.92	6.76	7.61	8.45	10.14	13.52					21.7	36.68			
3.01	1200	△ u		6.33	7.39	8.44	9.50	10.55	12.66							27.4	57.74		
		△ c		8.44	9.85	11.26	12.66	14.07							17.0	47.79			



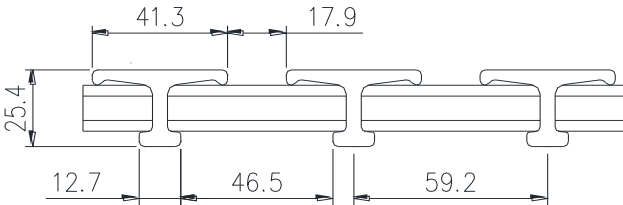
Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area
T-2500	25.4	18.59	53.8	12.6	25

12.2 Kg
Per
Sq. Meter

$A = 5.83 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 4.25 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S_T = 4.92 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $S_B = 2.54 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 5.296x10^3 mm^2/m		T3000 25mm												STRONGWELL			
I = 3.862x10^5 mm^4/m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)															
St= 4.471x10^4 mm^3/m		△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
Sb= 2.303x10^4 mm^3/m		WEIGHT PER SQm: 11.5 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
2.39	400	△ u	0.11	0.13	0.14	0.16	0.18	0.22	0.29	0.36	0.43	0.54	0.72	254.1	9.18		
		△ c	0.43	0.51	0.58	0.65	0.72	0.87	1.16	1.44	1.73	2.17	2.89	50.6	7.32		
2.61	600	△ u	0.50	0.59	0.67	0.75	0.84	1.00	1.34	1.67	2.01	2.51	3.35	109.0	18.25		
		△ c	1.34	1.56	1.79	2.01	2.23	2.68	3.57	4.46	5.36	6.70	8.93	32.6	14.56		
2.78	800	△ u	1.49	1.74	1.99	2.24	2.48	2.98	3.97	4.97	5.96	7.45	9.94	62.7	31.13		
		△ c	2.98	3.48	3.97	4.47	4.97	5.96	7.95	9.94	11.92	14.90		19.7	19.62		
2.9	1000	△ u	3.49	4.07	4.65	5.23	5.81	6.98	9.30	11.63	13.95			39.5	45.91		
		△ c	5.58	6.51	7.44	8.37	9.30	11.16	14.88					19.7	36.73		
3.01	1200	△ u	6.97	8.13	9.29	10.45	11.61	13.94						24.9	57.82		
		△ c	9.29	10.84	12.39	13.94							15.5	47.85			

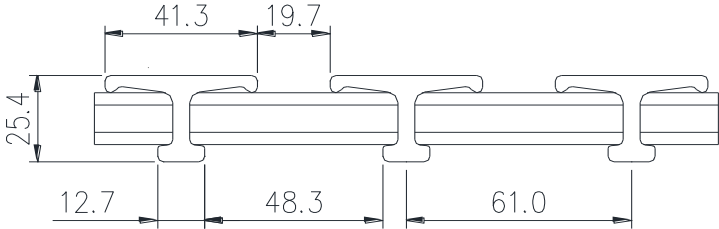


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
T-3000	25.4	16.89	59.2	17.9	30	11.5 Kg

$A = 5.30 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 3.86 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S_T = 4.47 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $S_B = 2.30 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 5.149x10 ³ mm ² /m		T3500 25mm												STRONGWELL			
I = 3.754x10 ⁵ mm ⁴ /m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)															
St= 4.347x10 ⁴ mm ³ /m		△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
Sb= 2.239x10 ⁴ mm ³ /m		WEIGHT PER SQm: 11.2 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10 ¹⁰ N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
2.39	400	△ u	0.11	0.13	0.15	0.17	0.19	0.22	0.30	0.37	0.45	0.56	0.74	246.7	9.16		
		△ c	0.45	0.52	0.59	0.67	0.74	0.89	1.19	1.49	1.78	2.23	2.97	49.2	7.31		
2.61	600	△ u	0.52	0.60	0.69	0.78	0.86	1.03	1.38	1.72	2.07	2.58	3.44	105.8	18.23		
		△ c	1.38	1.61	1.84	2.07	2.30	2.76	3.67	4.59	5.51	6.89	9.19	31.7	14.54		
2.78	800	△ u	1.53	1.79	2.04	2.30	2.56	3.07	4.09	5.11	6.13	7.67	10.22	60.8	31.09		
		△ c	3.07	3.58	4.09	4.60	5.11	6.13	8.18	10.22	12.27			19.2	19.59		
2.9	1000	△ u	3.59	4.19	4.78	5.38	5.98	7.18	9.57	11.96	14.35			38.3	45.85		
		△ c	5.74	6.70	7.65	8.61	9.57	11.48						19.2	36.68		
3.01	1200	△ u	7.17	8.36	9.56	10.75	11.95	14.34						24.2	57.74		
		△ c	9.56	11.15	12.74	14.34								15.0	47.79		

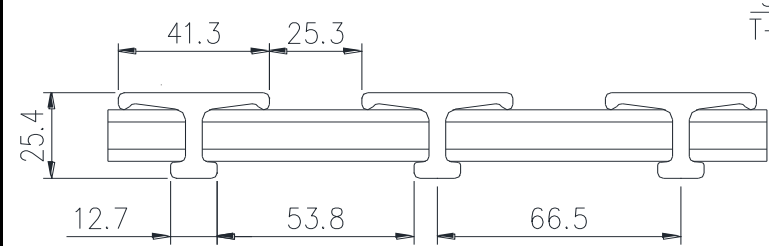


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
T-3500	25.4	16.39	61.0	19.7	35	11.2 Kg
						Per Sq. Meter

$A = 5.15 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 3.75 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S_T = 4.35 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $S_B = 2.24 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 4.717x10^3 mm^2/m		T3800 25mm												STRONGWELL	
I = 3.439x10^5 mm^4/m		T BARS ARE 2 5/8" O.C.													
St= 3.982x10^4 mm^3/m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)													
Sb= 2.051x10^4 mm^3/m		△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
E x 10^10 N/SQm		WEIGHT PER SQm: 10.3 kg												safe load, 2 to 1	
SPAN mm		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
2.39	400	△ u	0.12	0.14	0.16	0.18	0.20	0.24	0.32	0.41	0.49	0.61	0.81	225.5	9.15
		△ c	0.49	0.57	0.65	0.73	0.81	0.97	1.30	1.62	1.95	2.43	3.24	45.0	7.29
2.61	600	△ u	0.56	0.66	0.75	0.85	0.94	1.13	1.50	1.88	2.26	2.82	3.76	96.8	18.19
		△ c	1.50	1.75	2.01	2.26	2.51	3.01	4.01	5.01	6.02	7.52	10.03	29.0	14.52
2.78	800	△ u	1.67	1.95	2.23	2.51	2.79	3.35	4.46	5.58	6.69	8.37	11.16	55.6	31.03
		△ c	3.35	3.90	4.46	5.02	5.58	6.69	8.93	11.16	13.39			17.5	19.55
2.9	1000	△ u	3.92	4.57	5.22	5.88	6.53	7.83	10.44	13.06	15.67			35.0	45.76
		△ c	6.27	7.31	8.36	9.40	10.44	12.53						17.5	36.61
3.01	1200	△ u	7.83	9.13	10.43	11.74	13.04	15.65						22.1	57.63
		△ c	10.43	12.17	13.91	15.65								13.7	47.70

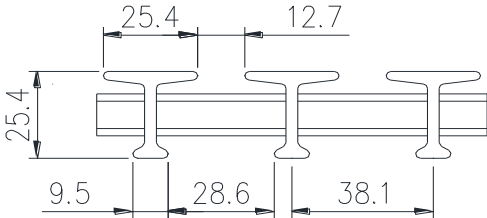


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
T-3800	25.4	15.04	66.5	25.3	38	10.3 Kg
						Per
						Sq. Meter

$A = 4.72 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 3.44 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S_T = 3.98 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $S_B = 2.05 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 5.016x10^3 mm^2/m		ET3300 25mm												STRONGWELL			
I = 4.096x10^5 mm^4/m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)															
St= 4.197x10^4 mm^3/m		△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
Sb= 2.618x10^4 mm^3/m		WEIGHT PER SQm: 9.9 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
2.1	400	△ u	0.12	0.14	0.16	0.17	0.19	0.23	0.31	0.39	0.47	0.58	0.78	176.0	6.82		
		△ c	0.47	0.54	0.62	0.70	0.78	0.93	1.24	1.55	1.86	2.33	3.10	34.7	5.37		
2.18	600	△ u	0.57	0.66	0.76	0.85	0.94	1.13	1.51	1.89	2.27	2.83	3.78	77.3	14.61		
		△ c	1.51	1.76	2.02	2.27	2.52	3.02	4.03	5.04	6.05	7.56	10.08	22.7	11.42		
2.29	800	△ u	1.71	1.99	2.27	2.56	2.84	3.41	4.55	5.69	6.82	8.53	11.37	45.3	25.78		
		△ c	3.41	3.98	4.55	5.12	5.69	6.82	9.10	11.37	13.65			17.3	19.71		
2.38	1000	△ u	4.01	4.67	5.34	6.01	6.68	8.01	10.69					29.3	39.18		
		△ c	6.41	7.48	8.55	9.62	10.69	12.82					14.7	31.34			

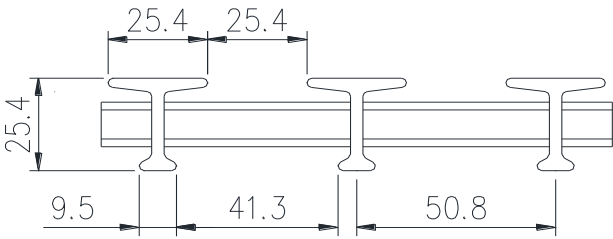


Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Weight
ET-3300	25.4	26.25	38.1	12.7	9.9 Kg
					Per
					Sq. Meter

$A = 5.02 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 4.10 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S_T = 4.20 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $S_B = 2.62 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 3.762x10^3 nm^2/m		ET5000 25mm										STRONGWELL					
I = 3.072x10^5 mm^4/m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED) △ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD △ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD															
St= 3.147x10^4 mm^3/m																	
Sb= 1.964x10^4 mm^3/m																	
E x 10^10 N/SQm		SPAN mm		WEIGHT PER SQm: 7.91 kg										safe load, 2 to 1			
		LOAD 		3	3.5	4	4.5	5	6	8	10	12	15	safety factor	deflection		
2.1	400	△ u		0.16	0.18	0.21	0.23	0.26	0.31	0.41	0.52	0.62	0.78	132	6.82		
		△ c		0.62	0.72	0.83	0.93	1.03	1.24	1.65	2.07	2.48	3.10	26	5.37		
2.18	600	△ u		0.76	0.88	1.01	1.13	1.26	1.51	2.02	2.52	3.02	3.78	58	14.61		
		△ c		2.02	2.35	2.69	3.02	3.36	4.03	5.38	6.72	8.06	10.08	17	11.42		
2.29	800	△ u		2.27	2.65	3.03	3.41	3.79	4.55	6.07	7.58	9.10	11.37	34	25.78		
		△ c		4.55	5.31	6.07	6.82	7.58	9.10	12.13				13	19.71		
2.38	1000	△ u		5.34	6.23	7.12	8.01	8.90	10.69	14.25				22	39.18		
		△ c		8.55	9.97	11.40	12.82							11	31.34		

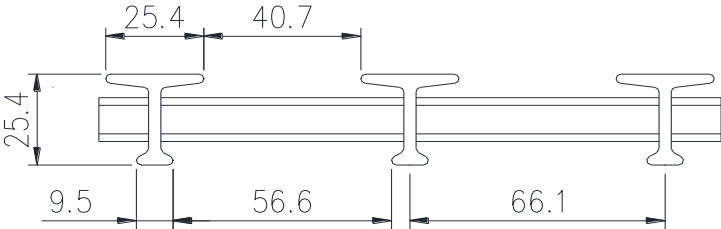


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
ET-5000	25.4	19.68	50.8	25.4	50	7.91 Kg

A = 3.38 x 10^3 mm^2/Meter of Width
I = 2.69 x 10^5 mm^4/Meter of Width

S_T = 2.85 x 10^4 mm^3/Meter of Width
S_B = 1.69 x 10^4 mm^3/Meter of Width

A= 2.090x10^3 nm^2/m		ET7200 25mm										STRONGWELL			
I = 1.707x10^5 mm^4/m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)													
St= 1.749x10^4 mm^3/m		△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
Sb= 1.091x10^4 mm^3/m		WEIGHT PER SQm: 4.4 kg										△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	safety factor	deflection			
2.1	400	△ u	0.28	0.33	0.37	0.42	0.46	0.56	0.74	0.93	73.3	6.82			
		△ c	1.12	1.30	1.49	1.67	1.86	2.23	2.98	3.72	14.4	5.37			
2.18	600	△ u	1.36	1.59	1.81	2.04	2.27	2.72	3.63	4.53	32.2	14.61			
		△ c	3.63	4.23	4.84	5.44	6.05	7.26	9.67		9.4	11.42			
2.29	800	△ u	4.09	4.78	5.46	6.14	6.82	8.19	10.91		18.9	25.77			
		△ c	8.19	9.55	10.91	12.28					7.2	19.71			

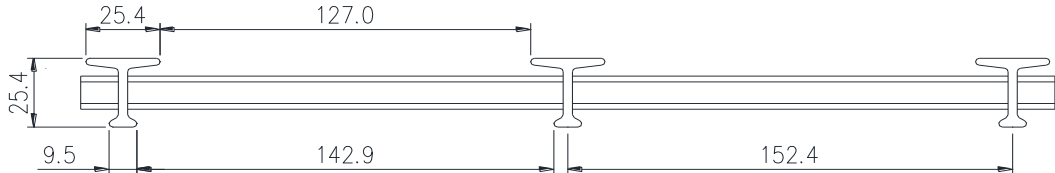


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
ET-7200	25.4	15.13	66.1	56.6	60	4.40 Kg

$A = 1.88 \text{ mm}^3/\text{Meter of Width}$
 $I = 1.49 \text{ mm}^5/\text{Meter of Width}$

$S_T = 1.58 \text{ mm}^4/\text{Meter of Width}$
 $S_B = 0.94 \text{ mm}^4/\text{Meter of Width}$

A= 1.254x10^3 nm^2/m		ET8300 25mm										STRONGWELL			
I = 1.024x10^5 mm^4/m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)													
St= 1.049x10^4 mm^3/m		△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
Sb= 0.655x10^4 mm^3/m		WEIGHT PER SQm: 3.9 kg										△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	safety factor	deflection			
2.1	400	△ u	0.47	0.54	0.62	0.70	0.78	0.93	1.24	1.55	44.0	6.82			
		△ c	1.86	2.17	2.48	2.79	3.10	3.72	4.96		8.7	5.37			
2.18	600	△ u	2.27	2.65	3.02	3.40	3.78	4.54	6.05	7.56	19.3	14.61			
		△ c	6.05	7.06	8.06	9.07	10.08				5.7	11.42			
2.29	800	△ u	6.82	7.96	9.10	10.23	11.37	13.65			11.3	25.77			
		△ c	13.65	15.92							4.3	19.71			



Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area
ET-8300	25.4	6.56	152.4	127.0	83
					3.90 Kg
					Per
					Sq. Meter

A = 1.13 mm³/Meter of Width
I = 0.90 mm⁵/Meter of Width

S_T = 0.95 mm⁴/Meter of Width
S_B = 0.56 mm⁴/Meter of Width

A=0.940x10^3 nm^2/m

I = 0.768x10^5 mm^4/m

St= 0.787x10^4 mm^3/m

Sb= 0.491x10^4 mm^3/m

ET8800 25mm

STRONGWELL

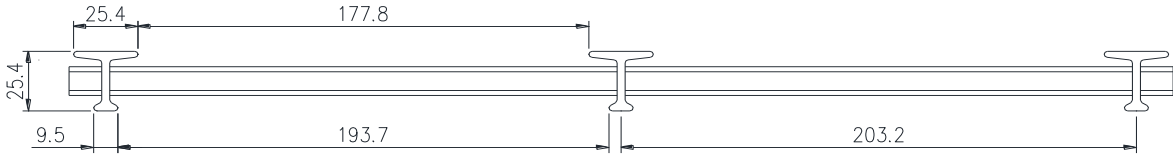
LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)

△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD

△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD

safe load, 2 to 1

E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	safety factor	deflection
2.1	400	△ u	0.62	0.72	0.83	0.93	1.03	1.24	1.65	2.07	33.0	6.82
		△ c	2.48	2.89	3.31	3.72	4.13	4.96			6.5	5.37
2.18	600	△ u	3.02	3.53	4.03	4.54	5.04	6.05	8.06	10.08	14.5	14.61
		△ c	8.06	9.41	10.75						4.3	11.42



Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
ET-8800	25.4	4.92	203.2	177.8	88	3.40 Kg

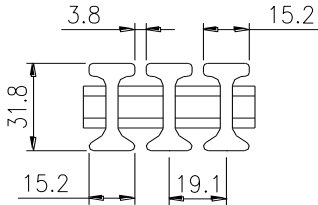
A = 0.84 mm³/Meter of Width

I = 0.67 mm⁵/Meter of Width

S_T = 0.71 mm⁴/Meter of Width

S_B = 0.42 mm⁴/Meter of Width

A=	1.192x10^4 mm^2/m	I2000 32mm												LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)		STRONGWELL	
I=	1.485x10^6 mm^4/m													ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD			
S=	9.357x10^4 mm^3/m	WEIGHT PER SQm: 24.4 kg												Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
2.56	400	Δ u	0.03	0.03	0.04	0.04	0.04	0.05	0.07	0.09	0.11	0.13	0.18	777.3	6.82		
		Δ c	0.11	0.12	0.14	0.16	0.18	0.21	0.28	0.35	0.42	0.53	0.70	154.7	5.43		
2.77	600	Δ u	0.12	0.14	0.16	0.18	0.21	0.25	0.33	0.41	0.49	0.62	0.82	349.3	14.34		
		Δ c	0.33	0.38	0.44	0.49	0.55	0.66	0.88	1.09	1.31	1.64	2.19	105.3	11.53		
2.93	800	Δ u	0.37	0.43	0.49	0.55	0.61	0.74	0.98	1.23	1.47	1.84	2.45	200.0	24.52		
		Δ c	0.74	0.86	0.98	1.10	1.23	1.47	1.96	2.45	2.94	3.68	4.90	80.0	19.62		
3.03	1000	Δ u	0.87	1.01	1.16	1.30	1.45	1.74	2.32	2.89	3.47	4.34	5.79	126.7	36.67		
		Δ c	1.39	1.62	1.85	2.08	2.32	2.78	3.71	4.63	5.56	6.95	9.26	62.7	29.02		
3.13	1200	Δ u	1.74	2.03	2.32	2.61	2.91	3.49	4.65	5.81	6.97	8.72	11.62	82.7	48.04		
		Δ c	2.32	2.71	3.10	3.49	3.87	4.65	6.20	7.75	9.30	11.62	15.50	50.7	39.25		
3.21	1400	Δ u	3.15	3.67	4.20	4.72	5.25	6.30	8.40	10.50	12.60	15.75		61.3	64.38		
		Δ c	3.60	4.20	4.80	5.40	6.00	7.20	9.60	12.00	14.40			42.7	51.18		
3.22	1600	Δ u	5.36	6.25	7.14	8.03	8.93	10.71	14.28					45.3	80.93		
		Δ c	5.36	6.25	7.14	8.03	8.93	10.71	14.28					36.0	64.26		
3.24	1800	Δ u	8.53	9.95	11.37	12.79	14.21									0.0	0.00
		Δ c	7.58	8.84	10.10	11.37	12.63	15.16									0.0

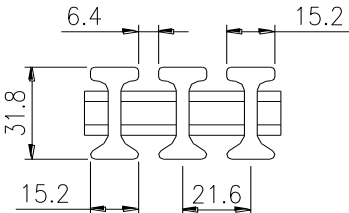


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
I-2000	31.8	52.36	19.1	3.8	20	24.42 Kg
						Per Sq. Meter

A = 1.19 x 10^4 mm^2/Meter of Width
I = 1.48 x 10^6 mm^4/Meter of Width

S = 9.36 x 10^4 mm^3/Meter of Width

A=	1.051x10^4 mm^2/m	I3000 32mm												LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)		STRONGWELL	
I=	1.311x10^6 mm^4/m	WEIGHT PER SQm: 22.0 kg												ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD			
S=	8.261x10^4 mm^3/m													Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD			
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1			
														safety factor	deflection		
2.56	400	Δ u	0.03	0.03	0.04	0.04	0.05	0.06	0.08	0.10	0.12	0.15	0.20	685.9	6.81		
		Δ c	0.12	0.14	0.16	0.18	0.20	0.24	0.32	0.40	0.48	0.60	0.79	136.5	5.42		
2.77	600	Δ u	0.14	0.16	0.19	0.21	0.23	0.28	0.37	0.46	0.56	0.70	0.93	308.2	14.33		
		Δ c	0.37	0.43	0.50	0.56	0.62	0.74	0.99	1.24	1.49	1.86	2.48	92.9	11.52		
2.93	800	Δ u	0.42	0.49	0.56	0.62	0.69	0.83	1.11	1.39	1.67	2.08	2.78	176.5	24.51		
		Δ c	0.83	0.97	1.11	1.25	1.39	1.67	2.22	2.78	3.33	4.17	5.56	70.6	19.61		
3.03	1000	Δ u	0.98	1.15	1.31	1.48	1.64	1.97	2.62	3.28	3.93	4.92	6.56	111.8	36.65		
		Δ c	1.57	1.84	2.10	2.36	2.62	3.15	4.20	5.25	6.30	7.87	10.49	55.3	29.01		
3.13	1200	Δ u	1.97	2.30	2.63	2.96	3.29	3.95	5.27	6.58	7.90	9.87	13.16	72.9	48.01		
		Δ c	2.63	3.07	3.51	3.95	4.39	5.27	7.02	8.78	10.53	13.16		44.7	39.23		
3.21	1400	Δ u	3.57	4.16	4.76	5.35	5.94	7.13	9.51	11.89	14.27			54.1	64.35		
		Δ c	4.08	4.76	5.44	6.11	6.79	8.15	10.87	13.59	16.31			37.6	51.16		
3.22	1600	Δ u	6.07	7.08	8.09	9.10	10.11	12.13	16.18					40.0	80.88		
		Δ c	6.07	7.08	8.09	9.10	10.11	12.13	16.18					31.8	64.23		
3.24	1800	Δ u	9.66	11.27	12.88	14.49	16.09								0.0	0.00	
		Δ c	8.58	10.01	11.45	12.88	14.31								0.0	0.00	

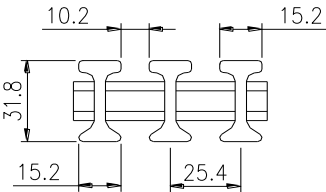


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
I-3000	31.8	46.30	21.6	6.4	30	21.97 Kg
						Per
						Sq. Meter

A = 1.05 x 10^4 mm^2/Meter of Width
I = 1.31 x 10^6 mm^4/Meter of Width

S = 8.26 x 10^4 mm^3/Meter of Width

A=	8.938x10^3 mm^2/m	I4000 32mm															LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)		STRONGWELL	
I =	1.114x10^6 mm^4/m	Δu IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																		
S=	7.019x10^4 mm^3/m	WEIGHT PER SQm: 18.8 kg															Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	5	8	10	13	15	20	25	39	50	100	150	200	250	safety factor	deflection		
2.56	400	Δ u	0.04	0.06	0.09	0.12	0.15	0.18	0.23	0.29	0.46	0.58	1.17	1.75	2.34	2.92	583	6.81		
		Δ c	0.14	0.23	0.37	0.47	0.61	0.70	0.94	1.17	1.82	2.34	4.68	7.01	9.35	11.69	116	5.42		
2.77	600	Δ u	0.16	0.27	0.44	0.55	0.71	0.82	1.09	1.37	2.13	2.73	5.47	8.20	10.94	13.67	262	14.33		
		Δ c	0.44	0.73	1.17	1.46	1.90	2.19	2.92	3.65	5.69	7.29	14.58				79	11.52		
2.93	800	Δ u	0.49	0.82	1.31	1.63	2.12	2.45	3.27	4.08	6.37	8.17	16.34				150	24.51		
		Δ c	0.98	1.63	2.61	3.27	4.25	4.90	6.54	8.17	12.75	16.34				60	19.61			
3.03	1000	Δ u	1.16	1.93	3.09	3.86	5.01	5.79	7.72	9.64	15.04						95	36.65		
		Δ c	1.85	3.09	4.94	6.17	8.02	9.26	12.34	15.43						47	29.01			
3.13	1200	Δ u	2.32	3.87	6.19	7.74	10.07	11.62	15.49									62	48.01	
		Δ c	3.10	5.16	8.26	10.32	13.42	15.49									38	39.23		
3.21	1400	Δ u	4.20	6.99	11.19	13.99												46	64.35	
		Δ c	4.80	7.99	12.79	15.99												32	51.16	
3.22	1600	Δ u	7.14	11.89														34	80.88	
		Δ c	7.14	11.89														27	64.23	

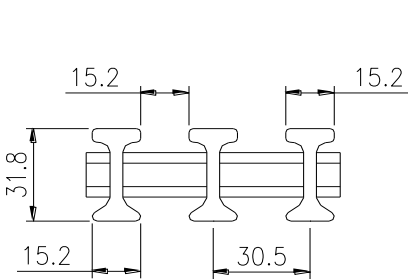


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-4000	31.8	39.37	25.4	10.2	40	18.80 Kg

$A = 8.94 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 1.11 \times 10^6 \text{ mm}^4/\text{Meter of Width}$

$S = 7.02 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A=	7.448x10^3 mm^2/m	I5000 32mm												LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)			STRONGWELL		
I =	9.284x10^5 mm^4/m	ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																	
S=	5.847x10^4 mm^3/m	WEIGHT PER SQm: 16.1 kg												Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD			safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection				
2.56	400	Δ u	0.04	0.05	0.06	0.06	0.07	0.08	0.11	0.14	0.17	0.21	0.28	485.8	6.81				
		Δ c	0.17	0.20	0.22	0.25	0.28	0.34	0.45	0.56	0.67	0.84	1.12	96.7	5.42				
2.77	600	Δ u	0.20	0.23	0.26	0.30	0.33	0.39	0.52	0.66	0.79	0.98	1.31	218.3	14.33				
		Δ c	0.52	0.61	0.70	0.79	0.87	1.05	1.40	1.75	2.10	2.62	3.50	65.8	11.52				
2.93	800	Δ u	0.59	0.69	0.78	0.88	0.98	1.18	1.57	1.96	2.35	2.94	3.92	125.0	24.51				
		Δ c	1.18	1.37	1.57	1.76	1.96	2.35	3.14	3.92	4.71	5.88	7.84	50.0	19.61				
3.03	1000	Δ u	1.39	1.62	1.85	2.08	2.31	2.78	3.70	4.63	5.55	6.94	9.26	79.2	36.64				
		Δ c	2.22	2.59	2.96	3.33	3.70	4.44	5.92	7.41	8.89	11.11	14.81	39.2	29.01				
3.13	1200	Δ u	2.79	3.25	3.72	4.18	4.65	5.57	7.43	9.29	11.15	13.94		51.7	48.00				
		Δ c	3.72	4.34	4.96	5.57	6.19	7.43	9.91	12.39	14.87			31.7	39.23				
3.21	1400	Δ u	5.04	5.87	6.71	7.55	8.39	10.07	13.43	16.78				38.3	64.34				
		Δ c	5.75	6.71	7.67	8.63	9.59	11.51	15.35					26.7	51.15				
3.22	1600	Δ u	8.56	9.99	11.42	12.85	14.27							28.3	80.87				
		Δ c	8.56	9.99	11.42	12.85	14.27							22.5	64.22				



Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-5000	31.8	32.79	30.5	15.2	50	16.11 Kg

$A = 7.45 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $S = 5.85 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

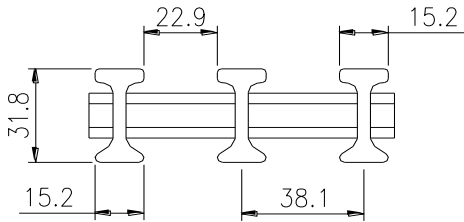
$I = 9.28 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

A=	5.959x10^3 mm^2/m	I6000 32mm												STRONGWELL			
I =	7.427x10^5 mm^4/m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)															
S=	4.676x10^4 mm^3/m	ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
E x 10^10 N/SQm	SPAN mm	WEIGHT PER SQm: 13.2 kg	Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											safe load, 2 to 1			
		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
2.56	400	Δ u	0.05	0.06	0.07	0.08	0.09	0.11	0.14	0.18	0.21	0.26	0.35	388.7	6.81		
		Δ c	0.21	0.25	0.28	0.32	0.35	0.42	0.56	0.70	0.84	1.05	1.40	77.3	5.42		
2.77	600	Δ u	0.25	0.29	0.33	0.37	0.41	0.49	0.66	0.82	0.98	1.23	1.64	174.7	14.33		
		Δ c	0.66	0.77	0.87	0.98	1.09	1.31	1.75	2.19	2.62	3.28	4.37	52.7	11.52		
2.93	800	Δ u	0.74	0.86	0.98	1.10	1.23	1.47	1.96	2.45	2.94	3.68	4.90	100.0	24.51		
		Δ c	1.47	1.72	1.96	2.21	2.45	2.94	3.92	4.90	5.88	7.35	9.80	40.0	19.61		
3.03	1000	Δ u	1.74	2.03	2.31	2.60	2.89	3.47	4.63	5.79	6.94	8.68	11.57	63.3	36.65		
		Δ c	2.78	3.24	3.70	4.17	4.63	5.55	7.41	9.26	11.11	13.89		31.3	29.01		
3.13	1200	Δ u	3.48	4.07	4.65	5.23	5.81	6.97	9.29	11.61	13.94			41.3	48.01		
		Δ c	4.65	5.42	6.19	6.97	7.74	9.29	12.39	15.49				25.3	39.23		
3.21	1400	Δ u	6.29	7.34	8.39	9.44	10.49	12.59	16.79					30.7	64.35		
		Δ c	7.19	8.39	9.59	10.79	11.99	14.39						21.3	51.16		

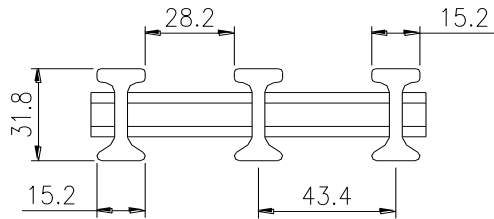
Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-6000	31.8	26.25	38.1	22.9	60	13.18 Kg

$A = 5.96 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 7.43 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S = 4.68 \times 10^4 \text{ mm}^3/\text{Meter of Width}$



A=	5.23x10 ³ mm ² /m	I6500 32mm												STRONGWELL	
I =	6.52x10 ⁵ mm ⁴ /m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)													
S=	4.11x10 ⁴ mm ³ /m	△u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
E x 10 ¹⁰ N/SQm	SPAN mm	WEIGHT PER SQm: 11.72 kg	△c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												safe load, 2 to 1
		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
2.56	400	△u	0.06	0.07	0.08	0.09	0.10	0.12	0.16	0.20	0.24	0.30	0.40	340.9	6.81
		△c	0.24	0.28	0.32	0.36	0.40	0.48	0.64	0.80	0.96	1.20	1.60	67.8	5.42
2.77	600	△u	0.28	0.33	0.37	0.42	0.47	0.56	0.75	0.93	1.12	1.40	1.87	153.2	14.32
		△c	0.75	0.87	1.00	1.12	1.25	1.49	1.99	2.49	2.99	3.74	4.98	46.2	11.51
2.93	800	△u	0.84	0.98	1.12	1.26	1.40	1.68	2.23	2.79	3.35	4.19	5.58	87.7	24.49
		△c	1.68	1.95	2.23	2.51	2.79	3.35	4.47	5.58	6.70	8.38	11.17	35.1	19.59
3.03	1000	△u	1.98	2.31	2.64	2.97	3.30	3.95	5.27	6.59	7.91	9.89	13.18	55.6	36.62
		△c	3.16	3.69	4.22	4.75	5.27	6.33	8.44	10.55	12.65	15.82		27.5	28.99
3.13	1200	△u	3.97	4.63	5.29	5.95	6.62	7.94	10.58	14.11	13.23			36.3	47.97
		△c	5.29	6.17	7.06	7.94	8.82	10.58						22.2	39.20
3.21	1400	△u	7.17	8.37	9.56	10.76	11.95	14.34						26.9	64.29
		△c	8.19	9.56	10.93	12.29	13.66	16.39						18.7	51.11



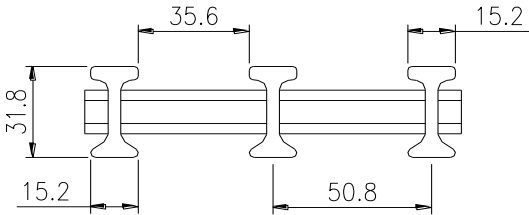
Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-6500	31.8	23.04	43.4	28.2	65	11.72 Kg

$$A = 5.23 \times 10^3 \text{ mm}^2/\text{Meter of Width}$$

$$I = 6.52 \times 10^5 \text{ mm}^4/\text{Meter of Width}$$

$$S = 4.11 \times 10^4 \text{ mm}^3/\text{Meter of Width}$$

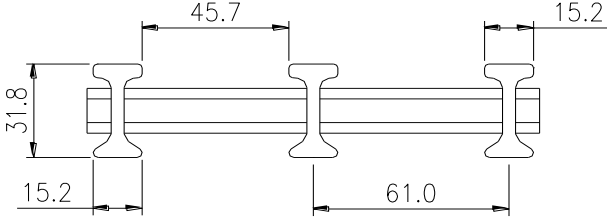
A=	4.469x10^3 mm^2/m	I7000 32mm												STRONGWELL	
I =	5.570x10^5 mm^4/m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)													
S=	3.510x10^4 mm^3/m	ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
E x 10^10 N/SQm	SPAN mm	WEIGHT PER SQm: 10.3 kg	Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											safe load, 2 to 1	
		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
2.56	400	Δ u	0.07	0.08	0.09	0.11	0.12	0.14	0.19	0.23	0.28	0.35	0.47	291.5	6.81
		Δ c	0.28	0.33	0.37	0.42	0.47	0.56	0.75	0.94	1.12	1.40	1.87	58.0	5.42
2.77	600	Δ u	0.33	0.38	0.44	0.49	0.55	0.66	0.87	1.09	1.31	1.64	2.19	131.0	14.33
		Δ c	0.87	1.02	1.17	1.31	1.46	1.75	2.33	2.92	3.50	4.37	5.83	39.5	11.52
2.93	800	Δ u	0.98	1.14	1.31	1.47	1.63	1.96	2.61	3.27	3.92	4.90	6.54	75.0	24.51
		Δ c	1.96	2.29	2.61	2.94	3.27	3.92	5.23	6.54	7.84	9.80	13.07	30.0	19.61
3.03	1000	Δ u	2.31	2.70	3.09	3.47	3.86	4.63	6.17	7.72	9.26	11.57	15.43	47.5	36.65
		Δ c	3.70	4.32	4.94	5.55	6.17	7.41	9.88	12.34	14.81			23.5	29.01
3.13	1200	Δ u	4.65	5.42	6.19	6.97	7.74	9.29	12.39	15.49				31.0	48.01
		Δ c	6.19	7.23	8.26	9.29	10.32	12.39	16.52				19.0	39.23	
3.21	1400	Δ u	8.39	9.79	11.19	12.59	13.99	16.79						23.0	64.35
		Δ c	9.59	11.19	12.79	14.39	15.99						16.0	51.16	



Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-7000	31.8	19.68	50.8	35.6	70	10.31 Kg

$A = 4.47 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $S = 3.51 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $I = 5.57 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

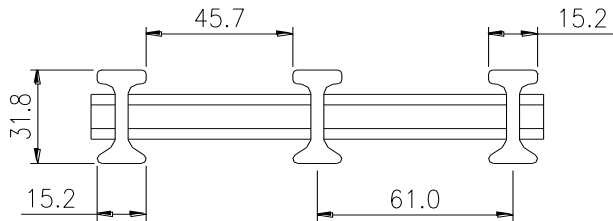
A=	3.724x10^3 mm^2/m	I7500 32mm												STRONGWELL		
I =	4.642x10^5 mm^4/m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)														
S=	2.924x10^4 mm^3/m	△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD														
		△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD														
		WEIGHT PER SQm: 8.9 kg														
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1		
														safety factor	deflection	
2.56	400	△ u	0.08	0.10	0.11	0.13	0.14	0.17	0.22	0.28	0.34	0.42	0.56	242.9	6.81	
		△ c	0.34	0.39	0.45	0.50	0.56	0.67	0.90	1.12	1.35	1.68	2.24	48.3	5.42	
2.77	600	△ u	0.39	0.46	0.52	0.59	0.66	0.79	1.05	1.31	1.57	1.97	2.62	109.2	14.33	
		△ c	1.05	1.22	1.40	1.57	1.75	2.10	2.80	3.50	4.20	5.25	7.00	32.9	11.52	
2.93	800	△ u	1.18	1.37	1.57	1.76	1.96	2.35	3.14	3.92	4.71	5.88	7.84	62.5	24.51	
		△ c	2.35	2.74	3.14	3.53	3.92	4.71	6.27	7.84	9.41	11.76	15.69	25.0	19.61	
3.03	1000	△ u	2.78	3.24	3.70	4.17	4.63	5.55	7.41	9.26	11.11	13.89		39.6	36.65	
		△ c	4.44	5.18	5.92	6.67	7.41	8.89	11.85	14.81				19.6	29.01	
3.13	1200	△ u	5.57	6.50	7.43	8.36	9.29	11.15	14.87					25.8	48.01	
		△ c	7.43	8.67	9.91	11.15	12.39	14.87					15.8	39.23		



Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area
I-7500	31.8	16.39	61.0	45.7	75
					8.89 Kg
					Per
					Sq. Meter

$A = 3.72 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 4.64 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S = 2.92 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

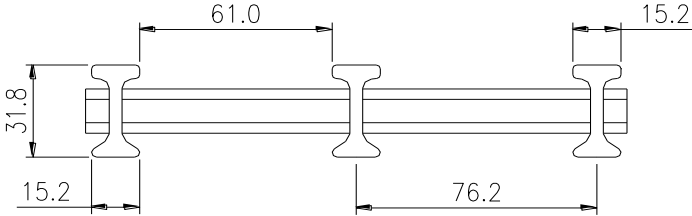


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-7500	31.8	16.39	61.0	45.7	75	8.89 Kg

$A = 3.72 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $S = 2.92 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

$I = 4.64 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

A=	2.979x10^3 mm^2/m	I8000 32mm												STRONGWELL		
I=	3.713x10^5 mm^4/m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)														
S=	2.435x10^4 mm^3/m	△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD														
		WEIGHT PER SQm: 7.5 kg														
		△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD														
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1		
														safety factor	deflection	
2.56	400	△ u	0.11	0.12	0.14	0.16	0.18	0.21	0.28	0.35	0.42	0.53	0.70	194.3	6.81	
		△ c	0.42	0.49	0.56	0.63	0.70	0.84	1.12	1.40	1.68	2.10	2.81	38.7	5.42	
2.77	600	△ u	0.49	0.57	0.66	0.74	0.82	0.98	1.31	1.64	1.97	2.46	3.28	87.3	14.33	
		△ c	1.31	1.53	1.75	1.97	2.19	2.63	3.50	4.38	5.25	6.56	8.75	26.3	11.52	
2.93	800	△ u	1.47	1.72	1.96	2.21	2.45	2.94	3.92	4.90	5.88	7.35	9.80	50.0	24.51	
		△ c	2.94	3.43	3.92	4.41	4.90	5.88	7.84	9.80	11.77	14.71		20.0	19.61	
3.03	1000	△ u	3.47	4.05	4.63	5.21	5.79	6.94	9.26	11.57	13.89			31.7	36.65	
		△ c	5.56	6.48	7.41	8.33	9.26	11.11	14.81					15.7	29.01	
3.13	1200	△ u	6.97	8.13	9.29	10.45	11.62	13.94						20.7	48.01	
		△ c	9.29	10.84	12.39	13.94	15.49						12.7	39.23		

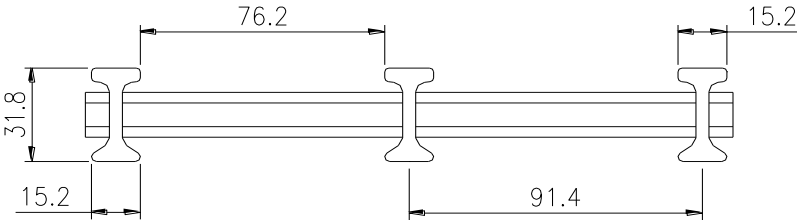


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
I-8000	31.8	13.12	76.2	61.0	80	7.47 Kg
						Per Sq. Meter

$A = 2.98 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 3.71 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

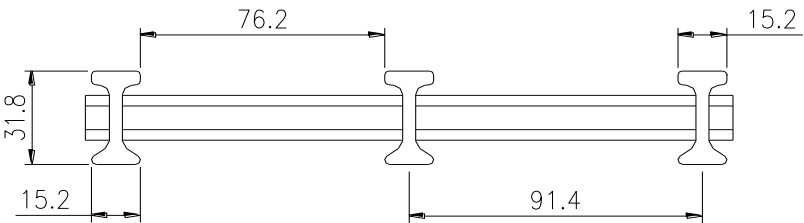
$S = 2.43 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A=	2.482x10^3 mm^2/m	I8300 32mm												STRONGWELL		
I =	3.099x10^5 mm^4/m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)														
S=	1.951x10^4 mm^3/m	△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD														
		△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD														
		WEIGHT PER SQm: 6.5 kg														
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1		
														safety factor	deflection	
2.56	400	△ u	0.13	0.15	0.17	0.19	0.21	0.25	0.34	0.42	0.50	0.63	0.84	162.0	6.80	
		△ c	0.50	0.59	0.67	0.76	0.84	1.01	1.34	1.68	2.02	2.52	3.36	32.2	5.42	
2.77	600	△ u	0.59	0.69	0.79	0.88	0.98	1.18	1.57	1.97	2.36	2.95	3.93	72.8	14.31	
		△ c	1.57	1.83	2.10	2.36	2.62	3.15	4.19	5.24	6.29	7.86	10.48	21.9	11.50	
2.93	800	△ u	1.76	2.06	2.35	2.64	2.94	3.52	4.70	5.87	7.05	8.81	11.75	41.7	24.48	
		△ c	3.52	4.11	4.70	5.29	5.87	7.05	9.40	11.75	14.10			16.7	19.58	
3.03	1000	△ u	4.16	4.85	5.55	6.24	6.93	8.32	11.09	13.87	16.64			26.4	36.60	
		△ c	6.66	7.77	8.87	9.98	11.09	13.31						13.1	28.97	
3.13	1200	△ u	8.35	9.74	11.13	12.53	13.92	16.70						17.2	47.94	
		△ c	11.13	12.99	14.85	16.70								10.6	39.18	



Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-8300	31.8	10.94	91.4	76.2	83	6.55 Kg

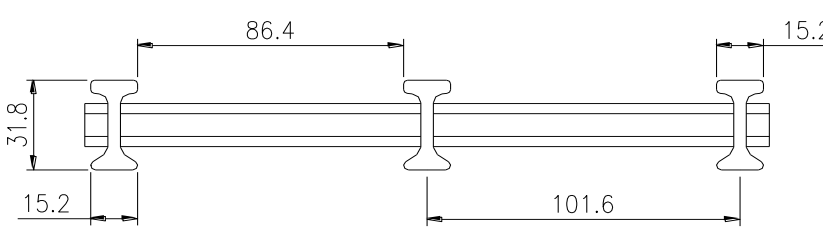
$$A = 2.48 \times 10^3 \text{ mm}^2/\text{Meter of Width}$$
$$I = 3.10 \times 10^5 \text{ mm}^4/\text{Meter of Width}$$
$$S = 1.95 \times 10^4 \text{ mm}^3/\text{Meter of Width}$$



Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-8300	31.8	10.94	91.4	76.2	83	6.55 Kg

$A = 2.48 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $S = 1.95 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $I = 3.10 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

A= 2.234x10^3 mm^2/m		I8500 32mm										LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)										STRONGWELL		
I = 2.785x10^5 mm^4/m												ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD												
S= 1.757x10^4 mm^3/m												Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												
		WEIGHT PER SQm: 6.1 kg												safe load, 2 to 1										
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection									
2.56	400	Δ u	0.14	0.16	0.19	0.21	0.23	0.28	0.37	0.47	0.56	0.70	0.94	145.8	6.81									
		Δ c	0.56	0.65	0.75	0.84	0.94	1.12	1.50	1.87	2.24	2.81	3.74	29.0	5.42									
2.77	600	Δ u	0.66	0.77	0.87	0.98	1.09	1.31	1.75	2.19	2.62	3.28	4.37	65.5	14.33									
		Δ c	1.75	2.04	2.33	2.62	2.92	3.50	4.67	5.83	7.00	8.75		19.8	11.52									
2.93	800	Δ u	1.96	2.29	2.61	2.94	3.27	3.92	5.23	6.54	7.84	9.80	13.07	37.5	24.51									
		Δ c	3.92	4.58	5.23	5.88	6.54	7.84	10.46	13.07	15.69			15.0	19.61									
3.03	1000	Δ u	4.63	5.40	6.17	6.94	7.72	9.26	12.34	15.43				23.8	36.65									
		Δ c	7.41	8.64	9.88	11.11	12.34	14.81						11.8	29.01									
3.13	1200	Δ u	9.29	10.84	12.39	13.94	15.49								15.5	48.01								
		Δ c	12.39	14.45	16.52										9.5	39.23								

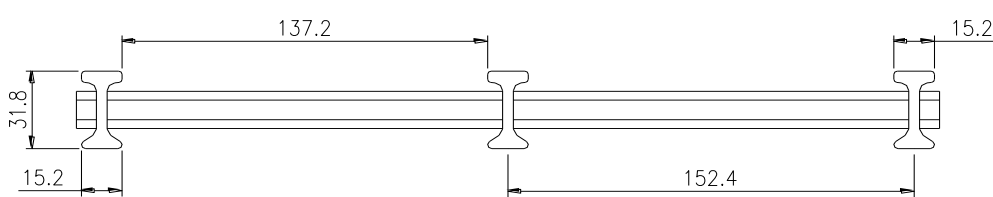


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
I-8500	31.8	9.84	101.6	86.4	85	6.06 Kg
						Per
						Sq. Meter

A = 2.23 x 10³ mm²/Meter of Width
I = 2.79 x 10⁵ mm⁴/Meter of Width

S = 1.76 x 10⁴ mm³/Meter of Width

A= 1.490x10 ³ mm ² /m		I9000 32mm		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)										STRONGWELL		
I = 1.857x10 ⁵ mm ⁴ /m				△u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD												
S= 1.172x10 ⁴ mm ³ /m				△c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												
E x 10 ¹⁰ N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1		
														safety factor	deflection	
2.56	400	△ u	0.21	0.25	0.28	0.32	0.35	0.42	0.56	0.70	0.84	1.05	1.40	97.2	6.81	
		△ c	0.84	0.98	1.12	1.26	1.40	1.68	2.24	2.80	3.37	4.21		19.3	5.42	
2.77	600	△ u	0.98	1.15	1.31	1.48	1.64	1.97	2.62	3.28	3.94	4.92	6.56	43.7	14.33	
		△ c	2.62	3.06	3.50	3.94	4.37	5.25	7.00	8.75	10.50	13.12		13.2	11.52	
2.93	800	△ u	2.94	3.43	3.92	4.41	4.90	5.88	7.84	9.80	11.76	14.70		25.0	24.51	
		△ c	5.88	6.86	7.84	8.82	9.80	11.76	15.68					10.0	19.61	
3.03	1000	△ u	6.94	8.10	9.26	10.41	11.57	13.88						15.8	36.65	
		△ c	11.11	12.96	14.81	16.66								7.8	29.01	

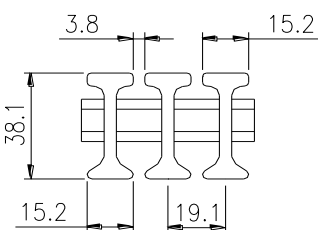


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Width	Center	Space	Area
I-9000	31.8	6.56	152.4	137.2	90	4.64 Kg
						Per Sq. Meter

A = 1.49 x 10³ mm²/Meter of Width
I = 1.86 x 10⁵ mm⁴/Meter of Width

S = 1.17 x 10⁴ mm³/Meter of Width

A=	1.327x10^4 mm^2/m	I2000 38mm												STRONGWELL		
I=	2.534x10^6 mm^4/m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)														
S=	1.333x10^5 mm^3/m	△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD														
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1		
2.72	400	△ u	0.01	0.02	0.02	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.10	safety factor	deflection	
		△ c	0.06	0.07	0.08	0.09	0.10	0.12	0.15	0.19	0.23	0.29	0.39	978.6	4.73	
2.91	600	△ u	0.07	0.08	0.09	0.10	0.11	0.14	0.18	0.23	0.27	0.34	0.46	194.7	3.77	
		△ c	0.18	0.21	0.24	0.27	0.31	0.37	0.49	0.61	0.73	0.92	1.22	421.3	9.64	
3.06	800	△ u	0.21	0.24	0.28	0.31	0.34	0.41	0.55	0.69	0.83	1.03	1.38	128.0	7.81	
		△ c	0.41	0.48	0.55	0.62	0.69	0.83	1.10	1.38	1.65	2.06	2.75	240.0	16.51	
3.13	1000	△ u	0.49	0.57	0.66	0.74	0.82	0.99	1.31	1.64	1.97	2.46	3.28	96.0	13.21	
		△ c	0.79	0.92	1.05	1.18	1.31	1.58	2.10	2.63	3.15	3.94	5.25	150.7	24.73	
3.2	1200	△ u	1.00	1.17	1.33	1.50	1.66	2.00	2.66	3.33	4.00	4.99	6.66	74.7	19.61	
		△ c	1.33	1.55	1.78	2.00	2.22	2.66	3.55	4.44	5.33	6.66	8.88	97.3	32.41	
3.25	1400	△ u	1.82	2.13	2.43	2.73	3.04	3.64	4.86	6.07	7.29	9.11	12.15	58.7	26.05	
		△ c	2.08	2.43	2.78	3.12	3.47	4.17	5.55	6.94	8.33	10.41	13.88	70.7	42.92	
3.27	1600	△ u	3.09	3.60	4.12	4.63	5.15	6.18	8.24	10.30	12.36	15.45		49.3	34.25	
		△ c	3.09	3.60	4.12	4.63	5.15	6.18	8.24	10.30	12.36	15.45		52.0	53.55	
3.29	1800	△ u	4.92	5.74	6.56	7.38	8.20	9.84	13.12	16.40				41.3	42.57	
		△ c	4.37	5.10	5.83	6.56	7.29	8.74	11.66	14.57				40.0	65.58	

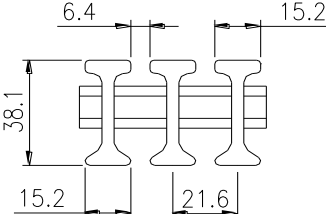


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-2000	38.1	52.36	19.1	3.8	20	26.88 Kg

A = 1.33 x 10^4 mm^2/Meter of Width
I = 2.53 x 10^6 mm^4/Meter of Width

S = 1.33 x 10^5 mm^3/Meter of Width

A=	1.171x10^4 mm^2/m	I3000 38mm												LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)			STRONGWELL		
I=	2.235x10^6 mm^4/m	ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																	
S=	1.176x10^5 mm^3/m	WEIGHT PER SQm: 23.9 kg												Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD			safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection				
2.72	400	Δ u	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.05	0.07	0.08	0.11	863.6	4.74				
		Δ c	0.07	0.08	0.09	0.10	0.11	0.13	0.18	0.22	0.26	0.33	0.44	171.8	3.77				
2.91	600	Δ u	0.08	0.09	0.10	0.12	0.13	0.16	0.21	0.26	0.31	0.39	0.52	371.8	9.65				
		Δ c	0.21	0.24	0.28	0.31	0.35	0.42	0.55	0.69	0.83	1.04	1.38	112.9	7.81				
3.06	800	Δ u	0.23	0.27	0.31	0.35	0.39	0.47	0.62	0.78	0.94	1.17	1.56	211.8	16.52				
		Δ c	0.47	0.55	0.62	0.70	0.78	0.94	1.25	1.56	1.87	2.34	3.12	84.7	13.21				
3.13	1000	Δ u	0.56	0.65	0.74	0.84	0.93	1.12	1.49	1.86	2.23	2.79	3.72	132.9	24.75				
		Δ c	0.89	1.04	1.19	1.34	1.49	1.79	2.38	2.98	3.57	4.47	5.96	65.9	19.62				
3.2	1200	Δ u	1.13	1.32	1.51	1.70	1.89	2.27	3.02	3.78	4.53	5.66	7.55	85.9	32.42				
		Δ c	1.51	1.76	2.01	2.27	2.52	3.02	4.03	5.03	6.04	7.55	10.07	51.8	26.06				
3.25	1400	Δ u	2.07	2.41	2.75	3.10	3.44	4.13	5.51	6.89	8.26	10.33	13.77	62.4	42.94				
		Δ c	2.36	2.75	3.15	3.54	3.94	4.72	6.30	7.87	9.44	11.81	15.74	43.5	34.26				
3.27	1600	Δ u	3.50	4.09	4.67	5.25	5.84	7.01	9.34	11.68	14.01			45.9	53.58				
		Δ c	3.50	4.09	4.67	5.25	5.84	7.01	9.34	11.68	14.01			36.5	42.59				
3.29	1800	Δ u	5.58	6.51	7.44	8.37	9.29	11.15	14.87					35.3	65.61				
		Δ c	4.96	5.78	6.61	7.44	8.26	9.91	13.22	16.52					31.8	52.49			

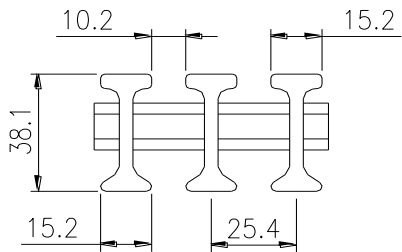


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-3000	38.1	46.30	21.6	6.4	30	23.93 Kg

A = 1.17 x 10^4 mm^2/Meter of Width
I = 2.23 x 10^6 mm^4/Meter of Width

S = 1.18 x 10^5 mm^3/Meter of Width

A=	9.954x10 ³ mm ² /m	I4000 38mm		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)										STRONGWELL		
I =	1.900x10 ⁶ mm ⁴ /m			△u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD												
S=	9.997x10 ⁴ mm ³ /m			△c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												
E x 10 ¹⁰ N/SQm	SPAN mm	WEIGHT PER SQm: 20.5 kg	LOAD 	3	5	8	10	13	15	20	25	39	50	100	safe load, 2 to 1	
															safety factor	deflection
2.72	400	△u		0.02	0.03	0.05	0.06	0.08	0.10	0.13	0.16	0.25	0.32	0.64	734	4.73
		△c		0.08	0.13	0.21	0.26	0.34	0.39	0.52	0.64	1.01	1.29	2.58	146	3.77
2.91	600	△u		0.09	0.15	0.24	0.31	0.40	0.46	0.61	0.76	1.19	1.53	3.05	316	9.64
		△c		0.24	0.41	0.65	0.81	1.06	1.22	1.63	2.03	3.17	4.07		96	7.81
3.06	800	△u		0.28	0.46	0.73	0.92	1.19	1.38	1.83	2.29	3.58	4.59	9.17	180	16.51
		△c		0.55	0.92	1.47	1.83	2.38	2.75	3.67	4.59	7.15	9.17		72	13.21
3.13	1000	△u		0.66	1.09	1.75	2.19	2.85	3.28	4.38	5.47	8.54	10.95		113	24.74
		△c		1.05	1.75	2.80	3.50	4.55	5.25	7.00	8.76	13.66			56	19.61
3.2	1200	△u		1.33	2.22	3.55	4.44	5.77	6.66	8.88	11.10				73	32.41
		△c		1.78	2.96	4.74	5.92	7.70	8.88	11.84	14.80				44	26.05
3.25	1400	△u		2.43	4.05	6.48	8.10	10.53	12.15	16.20					53	42.92
		△c		2.78	4.63	7.40	9.26	12.03	13.88						37	34.25
3.27	1600	△u		4.12	6.87	10.99	13.73								39	53.55
		△c		4.12	6.87	10.99	13.73								31	42.57
3.29	1800	△u		6.56	10.93										30	65.59
		△c		5.83	9.72	15.55									27	52.47



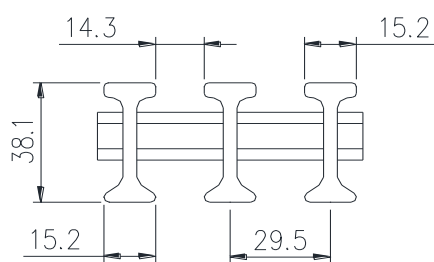
Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-4000	38.1	39.37	25.4	10.2	40	21.51 Kg

$$A = 9.95 \times 10^3 \text{ mm}^2/\text{Meter of Width}$$

$$I = 1.90 \times 10^6 \text{ mm}^4/\text{Meter of Width}$$

$$S = 1.00 \times 10^4 \text{ mm}^3/\text{Meter of Width}$$

A= 8.570x10^3 mm^2/m		I4800 38mm												LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)										STRONGWELL	
I= 1.638x10^6 mm^4/m		WEIGHT PER SQm: 18.6 kg												ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD										safe load, 2 to 1	
S= 8.599x10^4 mm^3/m														Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											
E x 10^10 N/SQm	SPAN mm	LOAD 	3	5	8	10	13	15	20	25	39	50	100	safety factor	deflection										
2.72	400	Δ u	0.02	0.04	0.06	0.07	0.10	0.11	0.15	0.19	0.29	0.37	0.75	632.2	4.73										
		Δ c	0.09	0.15	0.24	0.30	0.39	0.45	0.60	0.75	1.17	1.50	2.99	125.7	3.76										
2.91	600	Δ u	0.11	0.18	0.28	0.35	0.46	0.53	0.71	0.88	1.38	1.77	3.54	272.2	9.63										
		Δ c	0.28	0.47	0.76	0.94	1.23	1.42	1.89	2.36	3.68	4.72		82.7	7.80										
3.06	800	Δ u	0.32	0.53	0.85	1.06	1.38	1.60	2.13	2.66	4.15	5.32	10.64	155.0	16.49										
		Δ c	0.64	1.06	1.70	2.13	2.77	3.19	4.26	5.32	8.30	10.64		62.0	13.19										
3.13	1000	Δ u	0.76	1.27	2.03	2.54	3.30	3.81	5.08	6.35	9.90	12.70		97.3	24.71										
		Δ c	1.22	2.03	3.25	4.06	5.28	6.09	8.13	10.16	15.84			48.2	19.60										
3.2	1200	Δ u	1.55	2.58	4.12	5.15	6.70	7.73	10.30	12.88				62.9	32.38										
		Δ c	2.06	3.43	5.49	6.87	8.93	10.30	13.73	17.17				37.9	26.02										
3.25	1400	Δ u	2.82	4.70	7.52	9.39	12.21	14.09						45.6	42.88										
		Δ c	3.22	5.37	8.59	10.74	13.96	16.10						31.9	34.22										
3.27	1600	Δ u	4.78	7.96	12.74	15.93								33.6	53.51										
		Δ c	4.78	7.96	12.74	15.93								26.7	42.53										
3.29	1800	Δ u	7.61	12.68										25.8	65.53										
		Δ c	6.76	11.27	18.03										23.3	52.42									

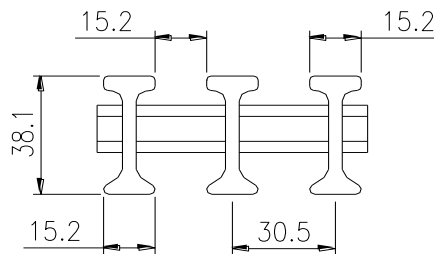


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
I-4800	38.1	33.9	29.5	14.3	48	18.6 Kg
						Per
						Sq. Meter

A = 8.57 x 10³ mm²/Meter of Width
I = 1.64 x 10⁶ mm⁴/Meter of Width

S = 8.60 x 10⁴ mm³/Meter of Width

A= 8.295x10^3 mm^2/m		I5000 38mm										LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)										STRONGWELL	
I= 1.584x10^6 mm^4/m		WEIGHT PER SQm:17.6 kg										ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD											
S= 8.330x10^4 mm^3/m												Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1									
														safety factor	deflection								
2.72	400	Δ u	0.02	0.03	0.03	0.03	0.04	0.05	0.06	0.08	0.09	0.12	0.15	611.6	4.73								
		Δ c	0.09	0.11	0.12	0.14	0.15	0.19	0.25	0.31	0.37	0.46	0.62	121.7	3.77								
2.91	600	Δ u	0.11	0.13	0.15	0.16	0.18	0.22	0.29	0.37	0.44	0.55	0.73	263.3	9.64								
		Δ c	0.29	0.34	0.39	0.44	0.49	0.59	0.78	0.98	1.17	1.46	1.95	80.0	7.81								
3.06	800	Δ u	0.33	0.39	0.44	0.50	0.55	0.66	0.88	1.10	1.32	1.65	2.20	150.0	16.51								
		Δ c	0.66	0.77	0.88	0.99	1.10	1.32	1.76	2.20	2.64	3.30	4.40	60.0	13.21								
3.13	1000	Δ u	0.79	0.92	1.05	1.18	1.31	1.58	2.10	2.63	3.15	3.94	5.25	94.2	24.73								
		Δ c	1.26	1.47	1.68	1.89	2.10	2.52	3.36	4.20	5.04	6.30	8.41	46.7	19.61								
3.2	1200	Δ u	1.60	1.86	2.13	2.40	2.66	3.20	4.26	5.33	6.39	7.99	10.66	60.8	32.41								
		Δ c	2.13	2.49	2.84	3.20	3.55	4.26	5.68	7.10	8.52	10.66	14.21	36.7	26.05								
3.25	1400	Δ u	2.92	3.40	3.89	4.37	4.86	5.83	7.77	9.72	11.66	14.58		44.2	42.92								
		Δ c	3.33	3.89	4.44	5.00	5.55	6.66	8.89	11.11	13.33	16.66		30.8	34.24								
3.27	1600	Δ u	4.94	5.77	6.59	7.41	8.24	9.89	13.18	16.48				32.5	53.55								
		Δ c	4.94	5.77	6.59	7.41	8.24	9.89	13.18	16.48				25.8	42.57								
3.29	1800	Δ u	7.87	9.18	10.49	11.81	13.12	15.74							25.0	65.58							
		Δ c	7.00	8.16	9.33	10.49	11.66	13.99							22.5	52.47							

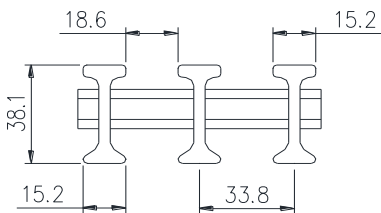


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
I-5000	38.1	32.79	30.5	15.2	50	17.58 Kg
						Per Sq. Meter

A = 8.29 x 10³ mm²/Meter of Width
I = 1.58 x 10⁶ mm⁴/Meter of Width

S = 8.33 x 10⁴ mm³/Meter of Width

A= 7.484x10^3 mm^2/m		I5500 38mm												STRONGWELL	
I= 1.429x10^6 mm^4/m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)													
S= 7.524x10^4 mm^3/m		△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
		WEIGHT PER SQm: 15.6 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1	
														safety factor	deflection
2.72	400	△ u	0.03	0.03	0.03	0.04	0.04	0.05	0.07	0.09	0.10	0.13	0.17	550.5	4.72
		△ c	0.10	0.12	0.14	0.15	0.17	0.21	0.27	0.34	0.41	0.51	0.69	109.5	3.76
2.91	600	△ u	0.12	0.14	0.16	0.18	0.20	0.24	0.32	0.41	0.49	0.61	0.81	237.0	9.61
		△ c	0.32	0.38	0.43	0.49	0.54	0.65	0.87	1.08	1.30	1.62	2.16	72.0	7.79
3.06	800	△ u	0.37	0.43	0.49	0.55	0.61	0.73	0.98	1.22	1.46	1.83	2.44	135.0	16.46
		△ c	0.73	0.85	0.98	1.10	1.22	1.46	1.95	2.44	2.93	3.66	4.88	54.0	13.17
3.13	1000	△ u	0.87	1.02	1.16	1.31	1.46	1.75	2.33	2.91	3.49	4.37	5.82	84.8	24.66
		△ c	1.40	1.63	1.86	2.10	2.33	2.79	3.73	4.66	5.59	6.98	9.31	42.0	19.56
3.2	1200	△ u	1.77	2.07	2.36	2.66	2.95	3.54	4.72	5.90	7.08	8.85	11.81	54.8	32.32
		△ c	2.36	2.75	3.15	3.54	3.94	4.72	6.30	7.87	9.44	11.81	15.74	33.0	25.97
3.25	1400	△ u	3.23	3.77	4.31	4.85	5.38	6.46	8.61	10.77	12.92			39.8	42.80
		△ c	3.69	4.31	4.92	5.54	6.15	7.38	9.84	12.31	14.77			27.8	34.15
3.27	1600	△ u	5.48	6.39	7.30	8.22	9.13	10.95	14.61					29.3	53.40
		△ c	5.48	6.39	7.30	8.22	9.13	10.95	14.61					23.3	42.45
3.29	1800	△ u	8.72	10.17	11.63	13.08	14.53							22.5	65.40
		△ c	7.75	9.04	10.33	11.63	12.92	15.50							20.3



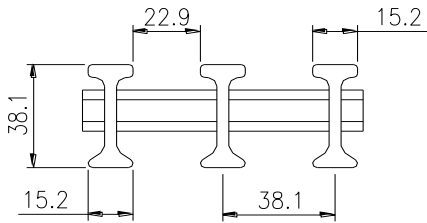
Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area
I-5500	38.1	29.59	33.8	18.6	55

17.1 Kg
Per
Sq. Meter

$A = 7.408 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 13.543 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S = 7.110 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

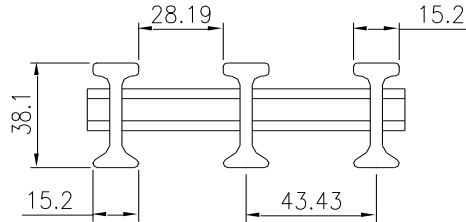
A=	6.636x10 ³ mm ² /m	I6000 38mm												STRONGWELL	
I =	1.267x10 ⁶ mm ⁴ /m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)													
S=	6.664x10 ⁴ mm ³ /m	△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
E x 10 ¹⁰ N/SQm	SPAN mm	WEIGHT PER SQm: 14.6 kg	△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											safe load, 2 to 1	
		LOAD 	3	5	8	10	13	15	20	25	39	50	100	safety factor	deflection
2.72	400	△ u	0.03	0.05	0.08	0.10	0.13	0.15	0.19	0.24	0.38	0.48	0.97	489.4	4.73
		△ c	0.12	0.19	0.31	0.39	0.50	0.58	0.77	0.97	1.51	1.93	3.87	97.3	3.77
2.91	600	△ u	0.14	0.23	0.37	0.46	0.60	0.69	0.92	1.14	1.79	2.29	4.58	210.7	9.64
		△ c	0.37	0.61	0.98	1.22	1.59	1.83	2.44	3.05	4.76	6.10	12.21	64.0	7.81
3.06	800	△ u	0.41	0.69	1.10	1.38	1.79	2.06	2.75	3.44	5.37	6.88	13.76	120.0	16.51
		△ c	0.83	1.38	2.20	2.75	3.58	4.13	5.50	6.88	10.73	13.76		48.0	13.21
3.13	1000	△ u	0.99	1.64	2.63	3.28	4.27	4.93	6.57	8.21	12.81	16.42		75.3	24.74
		△ c	1.58	2.63	4.20	5.25	6.83	7.88	10.51	13.13				37.3	19.62
3.2	1200	△ u	2.00	3.33	5.33	6.66	8.66	9.99	13.32	16.65				48.7	32.41
		△ c	2.66	4.44	7.10	8.88	11.54	13.32						29.3	26.05
3.25	1400	△ u	3.64	6.07	9.72	12.15	15.79							35.3	42.93
		△ c	4.17	6.94	11.11	13.88								24.7	34.25
3.27	1600	△ u	6.18	10.30	16.48									26.0	53.56
		△ c	6.18	10.30	16.48									20.7	42.57
3.29	1800	△ u	9.84	16.40										20.0	65.59
		△ c	8.74	14.57										18.0	52.47



Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-6000	38.1	26.25	38.1	22.9	60	14.65 Kg

$A = 6.64 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 1.27 \times 10^6 \text{ mm}^4/\text{Meter of Width}$
 $S = 6.66 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 5.823x10^3 mm^2/m		I6500 38mm										LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)										STRONGWELL		
I= 1.113x10^6 mm^4/m												ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD												
S= 5.847x10^4 mm^3/m		WEIGHT PER SQm: 13.18 kg										Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD										safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection									
2.72	400	Δ u	0.03	0.04	0.04	0.05	0.06	0.07	0.09	0.11	0.13	0.17	0.22	429.6	4.74									
		Δ c	0.13	0.15	0.18	0.20	0.22	0.26	0.35	0.44	0.53	0.66	0.88	85.5	3.77									
2.91	600	Δ u	0.16	0.18	0.21	0.23	0.26	0.31	0.42	0.52	0.63	0.78	1.04	185.0	9.65									
		Δ c	0.42	0.49	0.56	0.63	0.70	0.83	1.11	1.39	1.67	2.09	2.78	56.2	7.82									
3.06	800	Δ u	0.47	0.55	0.63	0.71	0.78	0.94	1.25	1.57	1.88	2.35	3.14	105.4	16.52									
		Δ c	0.94	1.10	1.25	1.41	1.57	1.88	2.51	3.14	3.76	4.71	6.27	42.1	13.22									
3.13	1000	Δ u	1.12	1.31	1.50	1.68	1.87	2.25	2.99	3.74	4.49	5.62	7.49	66.1	24.76									
		Δ c	1.80	2.10	2.40	2.70	2.99	3.59	4.79	5.99	7.19	8.98	11.98	32.8	19.63									
3.2	1200	Δ u	2.28	2.66	3.04	3.42	3.80	4.56	6.07	7.59	9.11	11.39	15.18	42.7	32.44									
		Δ c	3.04	3.54	4.05	4.56	5.06	6.07	8.10	10.12	12.15	15.18		25.8	26.07									
3.25	1400	Δ u	4.15	4.85	5.54	6.23	6.92	8.31	11.08	13.85	16.62			31.0	42.96									
		Δ c	4.75	5.54	6.33	7.12	7.91	9.50	12.66	15.83				21.7	34.28									
3.27	1600	Δ u	7.04	8.22	9.39	10.57	11.74	14.09							22.8	53.60								
		Δ c	7.04	8.22	9.39	10.57	11.74	14.09							18.1	42.61								
3.29	1800	Δ u	11.22	13.08	14.95	16.82							17.6	65.64										
		Δ c	9.97	11.63	13.29	14.95	16.62							15.8	52.52									

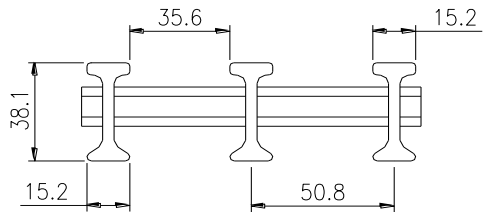


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
I-6500	38.1	23.04	43.43	28.19	65	13.18 Kg
						Per
						Sq. Meter

A = 5.82 x 10³ mm²/Meter of Width
I = 1.11 x 10⁶ mm⁴/Meter of Width

S = 5.85 x 10⁴ mm³/Meter of Width

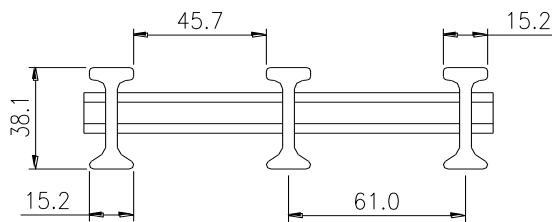
A=	4.977x10 ³ mm ² /m	I7000 38mm												STRONGWELL	
I =	9.502x10 ⁵ mm ⁴ /m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)													
S=	4.998x10 ⁴ mm ³ /m	△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
E x 10 ¹⁰ N/SQm	SPAN mm	WEIGHT PER SQm: 11.2 kg	△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											safe load, 2 to 1	
		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
2.72	400	△ u	0.04	0.05	0.05	0.06	0.06	0.08	0.10	0.13	0.15	0.19	0.26	367.0	4.73
		△ c	0.15	0.18	0.21	0.23	0.26	0.31	0.41	0.52	0.62	0.77	1.03	73.0	3.77
2.91	600	△ u	0.18	0.21	0.24	0.27	0.31	0.37	0.49	0.61	0.73	0.92	1.22	158.0	9.64
		△ c	0.49	0.57	0.65	0.73	0.81	0.98	1.30	1.63	1.95	2.44	3.25	48.0	7.81
3.06	800	△ u	0.55	0.64	0.73	0.83	0.92	1.10	1.47	1.83	2.20	2.75	3.67	90.0	16.51
		△ c	1.10	1.28	1.47	1.65	1.83	2.20	2.93	3.67	4.40	5.50	7.34	36.0	13.21
3.13	1000	△ u	1.31	1.53	1.75	1.97	2.19	2.63	3.50	4.38	5.25	6.57	8.76	56.5	24.74
		△ c	2.10	2.45	2.80	3.15	3.50	4.20	5.60	7.00	8.41	10.51	14.01	28.0	19.61
3.2	1200	△ u	2.66	3.11	3.55	4.00	4.44	5.33	7.10	8.88	10.66	13.32		36.5	32.41
		△ c	3.55	4.14	4.74	5.33	5.92	7.10	9.47	11.84	14.21			22.0	26.05
3.25	1400	△ u	4.86	5.67	6.48	7.29	8.10	9.72	12.96	16.20				26.5	42.92
		△ c	5.55	6.48	7.40	8.33	9.26	11.11	14.81					18.5	34.25
3.27	1600	△ u	8.24	9.61	10.99	12.36	13.73	16.48						19.5	53.55
		△ c	8.24	9.61	10.99	12.36	13.73	16.48						15.5	42.57
3.29	1800	△ u	13.12	15.30										15.0	65.59
		△ c	11.66	13.60	15.55									13.5	52.47



Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-7000	38.1	19.68	50.8	35.6	70	11.23 Kg

$A = 4.98 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $S = 5.00 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A=	4.147x10^3 mm^2/m	I7500 38mm												LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)			STRONGWELL		
I=	7.918x10^5 mm^4/m	△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																	
S=	4.165x10^4 mm^3/m	WEIGHT PER SQm: 9.8 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD			safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection				
2.72	400	△ u	0.05	0.05	0.06	0.07	0.08	0.09	0.12	0.15	0.19	0.23	0.31	305.9	4.73				
		△ c	0.19	0.22	0.25	0.28	0.31	0.37	0.50	0.62	0.74	0.93	1.24	60.8	3.77				
2.91	600	△ u	0.22	0.26	0.29	0.33	0.37	0.44	0.59	0.73	0.88	1.10	1.46	131.7	9.64				
		△ c	0.59	0.68	0.78	0.88	0.98	1.17	1.56	1.95	2.34	2.93	3.91	40.0	7.81				
3.06	800	△ u	0.66	0.77	0.88	0.99	1.10	1.32	1.76	2.20	2.64	3.30	4.40	75.0	16.51				
		△ c	1.32	1.54	1.76	1.98	2.20	2.64	3.52	4.40	5.28	6.60	8.80	30.0	13.21				
3.13	1000	△ u	1.58	1.84	2.10	2.36	2.63	3.15	4.20	5.25	6.30	7.88	10.51	47.1	24.74				
		△ c	2.52	2.94	3.36	3.78	4.20	5.04	6.72	8.41	10.09	12.61	16.81	23.3	19.62				
3.2	1200	△ u	3.20	3.73	4.26	4.80	5.33	6.39	8.52	10.66	12.79	15.98		30.4	32.41				
		△ c	4.26	4.97	5.68	6.39	7.10	8.52	11.37	14.21				18.3	26.05				
3.25	1400	△ u	5.83	6.80	7.78	8.75	9.72	11.66	15.55					22.1	42.93				
		△ c	6.66	7.78	8.89	10.00	11.11	13.33					15.4	34.25					
3.27	1600	△ u	9.89	11.54	13.18	14.83	16.48							16.3	53.56				
		△ c	9.89	11.54	13.18	14.83	16.48							12.9	42.57				
3.29	1800	△ u	15.74											12.5	65.59				
		△ c	13.99	16.32										11.3	52.47				

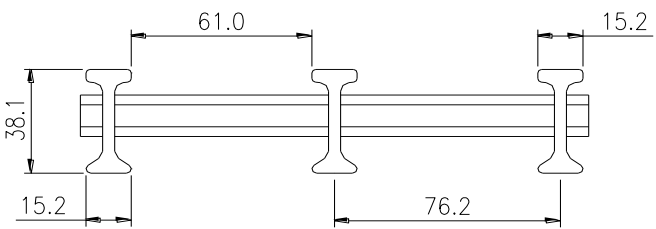


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
I-7500	38.1	16.39	61.0	45.7	75	9.77 Kg
						Per
						Sq. Meter

$A = 4.15 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 7.92 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S = 4.17 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

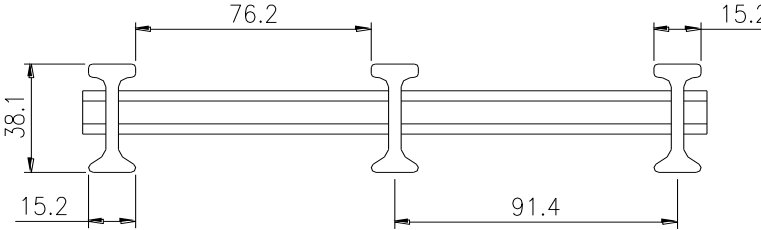
A= 3.318x10 ³ mm ² /m		I8000 38mm												STRONGWELL	
I = 6.335x10 ⁵ mm ⁴ /m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)													
S= 3.332x10 ⁴ mm ³ /m		△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
E x 10 ¹⁰ N/SQm		SPAN mm		WEIGHT PER SQm: 8.1 kg △ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD										safe load, 2 to 1	
		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
2.72	400	△ u	0.06	0.07	0.08	0.09	0.10	0.12	0.15	0.19	0.23	0.29	0.39	244.6	4.73
		△ c	0.23	0.27	0.31	0.35	0.39	0.46	0.62	0.77	0.93	1.16	1.55	48.7	3.77
2.91	600	△ u	0.27	0.32	0.37	0.41	0.46	0.55	0.73	0.92	1.10	1.37	1.83	105.3	9.64
		△ c	0.73	0.85	0.98	1.10	1.22	1.46	1.95	2.44	2.93	3.66	4.88	32.0	7.81
3.06	800	△ u	0.83	0.96	1.10	1.24	1.38	1.65	2.20	2.75	3.30	4.13	5.50	60.0	16.51
		△ c	1.65	1.93	2.20	2.48	2.75	3.30	4.40	5.50	6.60	8.25	11.01	24.0	13.20
3.13	1000	△ u	1.97	2.30	2.63	2.96	3.28	3.94	5.25	6.57	7.88	9.85	13.13	37.7	24.73
		△ c	3.15	3.68	4.20	4.73	5.25	6.30	8.41	10.51	12.61	15.76		18.7	19.61
3.2	1200	△ u	4.00	4.66	5.33	5.99	6.66	7.99	10.66	13.32	15.98			24.3	32.41
		△ c	5.33	6.22	7.10	7.99	8.88	10.66	14.21					14.7	26.04
3.25	1400	△ u	7.29	8.50	9.72	10.93	12.15	14.58						17.7	42.92
		△ c	8.33	9.72	11.11	12.49	13.88	16.66						12.3	34.24
3.27	1600	△ u	12.36	14.42	16.48									13.0	53.55
		△ c	12.36	14.42	16.48									10.3	42.56



Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-8000	38.1	13.12	76.2	61.0	80	8.06 Kg

$A = 3.32 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $S = 3.33 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $I = 6.33 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

A=	2.766x10^3 mm^2/m	I8300 38mm												LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)												STRONGWELL	
I =	5.283x10^5 mm^4/m													ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
S=	2.779x10^4 mm^3/m	WEIGHT PER SQm: 7.0 kg												Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD													
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection												
2.72	400	Δ u	0.07	0.08	0.09	0.10	0.12	0.14	0.19	0.23	0.28	0.35	0.46	203.9	4.73												
		Δ c	0.28	0.32	0.37	0.42	0.46	0.56	0.74	0.93	1.11	1.39	1.86	40.6	3.76												
2.91	600	Δ u	0.33	0.38	0.44	0.49	0.55	0.66	0.88	1.10	1.32	1.65	2.20	87.8	9.64												
		Δ c	0.88	1.02	1.17	1.32	1.46	1.76	2.34	2.93	3.51	4.39	5.85	26.7	7.81												
3.06	800	Δ u	0.99	1.15	1.32	1.48	1.65	1.98	2.64	3.30	3.96	4.95	6.60	50.0	16.50												
		Δ c	1.98	2.31	2.64	2.97	3.30	3.96	5.28	6.60	7.92	9.90	13.20	20.0	13.20												
3.13	1000	Δ u	2.36	2.76	3.15	3.54	3.94	4.72	6.30	7.87	9.45	11.81	15.75	31.4	24.72												
		Δ c	3.78	4.41	5.04	5.67	6.30	7.56	10.08	12.60	15.12			15.6	19.60												
3.2	1200	Δ u	4.79	5.59	6.39	7.19	7.99	9.58	12.78	15.97				20.3	32.39												
		Δ c	6.39	7.45	8.52	9.58	10.65	12.78					12.2	26.03													
3.25	1400	Δ u	8.74	10.20	11.65	13.11	14.57								14.7	42.89											
		Δ c	9.99	11.65	13.32	14.98	16.65								10.3	34.22											

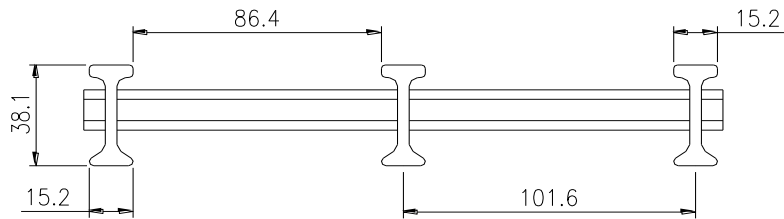


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-8300	38.1	10.94	91.4	76.2	83	7.03 Kg

$A = 2.77 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $S = 2.78 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

$I = 5.28 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

A= 2.488x10 ³ mm^2/m		I8500 38mm											LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)											STRONGWELL		
I= 4.751x10 ⁵ mm^4/m													ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
S= 2.499x10 ⁴ mm^3/m		WEIGHT PER SQm: 6.5 kg											Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											safe load, 2 to 1		
E x 10 ¹⁰ N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection											
2.72	400	Δ u	0.08	0.09	0.10	0.12	0.13	0.15	0.21	0.26	0.31	0.39	0.52	183.5	4.73											
		Δ c	0.31	0.36	0.41	0.46	0.52	0.62	0.83	1.03	1.24	1.55	2.06	36.5	3.77											
2.91	600	Δ u	0.37	0.43	0.49	0.55	0.61	0.73	0.98	1.22	1.46	1.83	2.44	79.0	9.64											
		Δ c	0.98	1.14	1.30	1.46	1.63	1.95	2.60	3.25	3.91	4.88	6.51	24.0	7.81											
3.06	800	Δ u	1.10	1.28	1.47	1.65	1.83	2.20	2.93	3.67	4.40	5.50	7.34	45.0	16.51											
		Δ c	2.20	2.57	2.93	3.30	3.67	4.40	5.87	7.34	8.80	11.01		18.0	13.21											
3.13	1000	Δ u	2.63	3.06	3.50	3.94	4.38	5.25	7.00	8.76	10.51	13.13		28.3	24.74											
		Δ c	4.20	4.90	5.60	6.30	7.00	8.41	11.21	14.01	16.81		14.0	19.61												
3.2	1200	Δ u	5.33	6.22	7.10	7.99	8.88	10.66	14.21					18.3	32.41											
		Δ c	7.10	8.29	9.47	10.66	11.84	14.21					11.0	26.05												
3.25	1400	Δ u	9.72	11.34	12.96	14.58	16.20					13.3	42.92													
		Δ c	11.11	12.96	14.81	16.66					9.3	34.25														

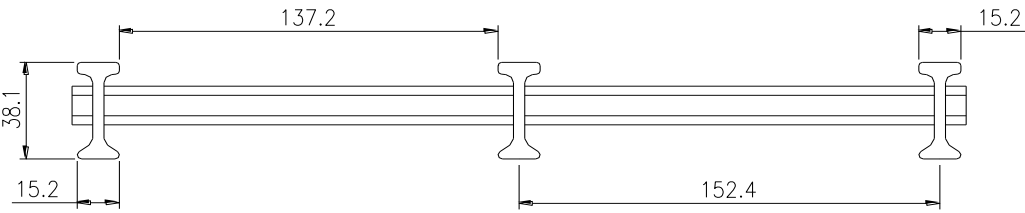


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
I-8500	38.1	9.84	101.6	86.4	85	6.50 Kg
						Per
						Sq. Meter

A = 2.49 mm³/Meter of Width
I = 4.75 mm⁵/Meter of Width

S = 2.50 mm⁴/Meter of Width

A=	1.659x10^3 mm^2/m	I9000 38mm												STRONGWELL		
I =	3.167x10^5 mm^4/m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)														
S=	1.666x10^4 mm^3/m	△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD														
E x 10^10 N/SQm	SPAN mm	WEIGHT PER SQm: 4.9 kg	△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												safe load, 2 to 1	
		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection	
2.72	400	△ u	0.12	0.14	0.15	0.17	0.19	0.23	0.31	0.39	0.46	0.58	0.77	122.4	4.73	
		△ c	0.46	0.54	0.62	0.70	0.77	0.93	1.24	1.55	1.86	2.32	3.10	24.3	3.77	
2.91	600	△ u	0.55	0.64	0.73	0.82	0.92	1.10	1.46	1.83	2.20	2.75	3.66	52.7	9.65	
		△ c	1.46	1.71	1.95	2.20	2.44	2.93	3.91	4.88	5.86	7.32		16.0	7.81	
3.06	800	△ u	1.65	1.93	2.20	2.48	2.75	3.30	4.40	5.50	6.60	8.26	11.01	30.0	16.51	
		△ c	3.30	3.85	4.40	4.95	5.50	6.60	8.81	11.01	13.21			12.0	13.21	
3.13	1000	△ u	3.94	4.60	5.25	5.91	6.57	7.88	10.51	13.14	15.76			18.8	24.74	
		△ c	6.31	7.36	8.41	9.46	10.51	12.61	16.81					9.3	19.62	
3.2	1200	△ u	7.99	9.32	10.66	11.99	13.32	15.99						12.2	32.42	
		△ c	10.66	12.43	14.21	15.99								7.3	26.06	

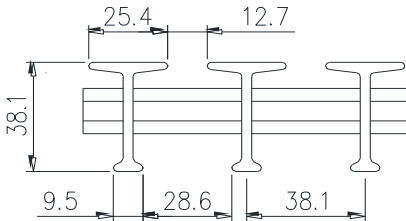


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
I-9000	38.1	6.56	152.4	137.2	90	4.89 Kg

$A = 1.66 \text{ mm}^3/\text{Meter of Width}$
 $I = 3.17 \text{ mm}^5/\text{Meter of Width}$

$S = 1.67 \text{ mm}^4/\text{Meter of Width}$

A= 5.429x10^3 mm^2/m		ET3300 38mm												STRONGWELL	
I = 9.753x10^5 mm^4/m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED) △u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD △ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD													
St= 6.588x10^4 mm^3/m															
Sb= 4.186x10^4 mm^3/m															
WEIGHT PER SQm: 11.72 kg														safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
2.05	400	△ u	0.05	0.06	0.07	0.08	0.08	0.10	0.13	0.17	0.20	0.25	0.33	382.7	6.38
		△ c	0.20	0.23	0.27	0.30	0.33	0.40	0.53	0.67	0.80	1.00	1.33	76.0	5.07
2.11	600	△ u	0.25	0.29	0.33	0.37	0.41	0.49	0.66	0.82	0.98	1.23	1.64	168.0	13.78
		△ c	0.66	0.77	0.87	0.98	1.09	1.31	1.75	2.19	2.62	3.28	4.37	50.7	11.08
2.16	800	△ u	0.76	0.89	1.01	1.14	1.27	1.52	2.03	2.53	3.04	3.80	5.06	98.7	24.98
		△ c	1.52	1.77	2.03	2.28	2.53	3.04	4.05	5.06	6.08	7.60	10.13	38.7	19.58
2.23	1000	△ u	1.80	2.10	2.39	2.69	2.99	3.59	4.79	5.99	7.18	8.98	11.97	64.0	38.31
		△ c	2.87	3.35	3.83	4.31	4.79	5.75	7.66	9.58	11.49	14.37		32.0	30.65
2.3	1200	△ u	3.61	4.21	4.81	5.42	6.02	7.22	9.63	12.04	14.44			44.0	52.96
		△ c	4.81	5.62	6.42	7.22	8.02	9.63	12.84	16.05			26.7	42.80	
2.37	1400	△ u	6.49	7.57	8.66	9.74	10.82	12.98	17.31					33.3	72.13
		△ c	7.42	8.66	9.89	11.13	12.37	14.84					22.7	56.06	

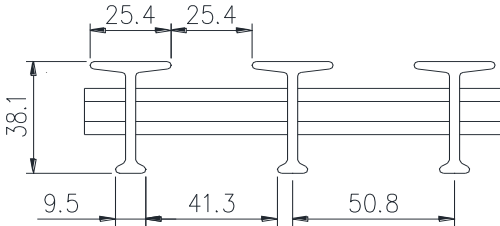


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
ET-3300	38.1	26.25	38.1	12.7	33	11.72 Kg

A = 5.43 x 10³ mm²/Meter of Width
I = 9.75 x 10⁵ mm⁴/Meter of Width

S_T = 6.59 x 10⁴ mm³/Meter of Width
S_B = 4.19 x 10⁴ mm³/Meter of Width

A= 4.072x10^3 mm^2/m		ET5000 38mm												STRONGWELL			
I = 7.315x10^5 mm^4/m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)															
St= 4.941x10^4 mm^3/m		ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
Sb= 3.140x10^4 mm^3/m		WEIGHT PER SQm: 9.28 kg												Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD →	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
2.05	400	Δ u	0.07	0.08	0.09	0.10	0.11	0.13	0.18	0.22	0.27	0.33	0.44	287	6.38		
		Δ c	0.27	0.31	0.36	0.40	0.44	0.53	0.71	0.89	1.07	1.33	1.78	57	5.07		
2.11	600	Δ u	0.33	0.38	0.44	0.49	0.55	0.66	0.87	1.09	1.31	1.64	2.19	126	13.78		
		Δ c	0.87	1.02	1.17	1.31	1.46	1.75	2.33	2.92	3.50	4.37	5.83	38	11.08		
2.16	800	Δ u	1.01	1.18	1.35	1.52	1.69	2.03	2.70	3.38	4.05	5.06	6.75	74	24.98		
		Δ c	2.03	2.36	2.70	3.04	3.38	4.05	5.40	6.75	8.10	10.13		29	19.58		
2.23	1000	Δ u	2.39	2.79	3.19	3.59	3.99	4.79	6.39	7.98	9.58	11.97		48	38.31		
		Δ c	3.83	4.47	5.11	5.75	6.39	7.66	10.22	12.77				24	30.65		
2.3	1200	Δ u	4.81	5.62	6.42	7.22	8.02	9.63	12.84					33	52.96		
		Δ c	6.42	7.49	8.56	9.63	10.70	12.84					20	42.79			
2.37	1400	Δ u	8.66	10.10	11.54	12.98								25	72.13		
		Δ c	9.89	11.54	13.19									17	56.06		



	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
ET-5000	38.1	19.68	50.8	25.4	50	9.28 Kg

Per Sq. Meter

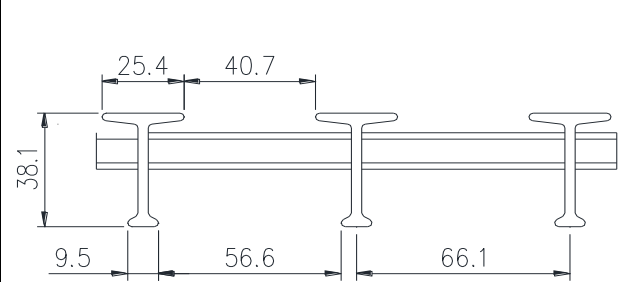
$A = 4.07 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 7.31 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S_T = 4.94 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $S_B = 3.14 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

ET7200 38mm

STRONGWELL

A=	2.262x10^3 mm^2/m	ET7200 38mm												STRONGWELL		
I =	4.064x10^5 mm^4/m															
St=	2.745x10^4 mm^3/m															
Sb=	1.744x10^4 mm^3/m															
		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)														
		ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD														
		Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection	
2.05	400	Δ u	0.12	0.14	0.16	0.18	0.20	0.24	0.32	0.40	0.48	0.60	0.80	220.6	8.83	
		Δ c	0.48	0.56	0.64	0.72	0.80	0.96	1.28	1.60	1.92	2.40	3.20	43.8	7.01	
2.11	600	Δ u	0.59	0.69	0.79	0.89	0.98	1.18	1.57	1.97	2.36	2.95	3.94	96.8	19.06	
		Δ c	1.57	1.84	2.10	2.36	2.62	3.15	4.20	5.25	6.30	7.87	10.50	29.2	15.33	
2.16	800	Δ u	1.82	2.13	2.43	2.73	3.04	3.65	4.86	6.08	7.29	9.11	12.15	56.9	34.55	
		Δ c	3.65	4.25	4.86	5.47	6.08	7.29	9.72	12.15	14.58			22.3	27.08	
2.23	1000	Δ u	4.31	5.03	5.75	6.47	7.18	8.62	11.49	14.37				36.9	53.00	
		Δ c	6.90	8.05	9.20	10.34	11.49	13.79						18.4	42.40	
2.3	1200	Δ u	8.67	10.11	11.55	13.00								25.4	73.26	
		Δ c	11.55	13.48										15.4	59.20	

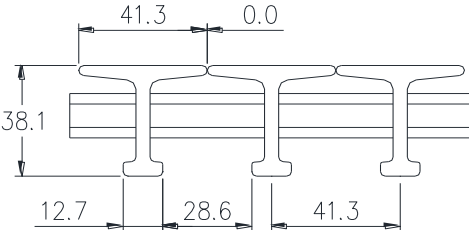


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
ET-7200	25.4	15.13	66.1	56.6	60	5.40 Kg

A = 2.26 mm³/Meter of Width
I = 4.06 mm⁵/Meter of Width

S_T = 2.75 mm⁴/Meter of Width
S_B = 1.74 mm⁴/Meter of Width

A=	9.005x10^3 mm^2/m	T0000 38mm												T BARS ARE 1.625" O.C.												STRONGWELL	
I =	15.990x10^5 mm^4/m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)																									
St=	11.691x10^4 mm^3/m	△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																									
Sb=	6.546x10^4 mm^3/m	WEIGHT PER SQm: 18.7 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	5	8	10	13	15	20	25	39	50	safety factor	deflection													
1.86	400	△ u	0.03	0.06	0.09	0.11	0.15	0.17	0.22	0.28	0.44	0.56	457	5.12													
		△ c	0.13	0.22	0.36	0.45	0.58	0.67	0.90	1.12	1.75	2.24	93	4.15													
2.43	600	△ u	0.13	0.22	0.35	0.43	0.56	0.65	0.87	1.09	1.69	2.17	288	12.52													
		△ c	0.35	0.58	0.93	1.16	1.51	1.74	2.32	2.90	4.52	5.79	87	10.12													
2.68	800	△ u	0.37	0.62	1.00	1.24	1.62	1.87	2.49	3.11	4.85	6.22	162	20.13													
		△ c	0.75	1.24	1.99	2.49	3.24	3.73	4.98	6.22	9.71	12.45	65	16.24													
2.84	1000	△ u	0.86	1.43	2.29	2.87	3.73	4.30	5.73	7.17	11.18		103	29.55													
		△ c	1.38	2.29	3.67	4.59	5.96	6.88	9.18	11.47			52	23.94													
2.93	1200	△ u	1.73	2.88	4.61	5.76	7.49	8.64	11.53				72	41.35													
		△ c	2.31	3.84	6.15	7.68	9.99	11.53					43	33.08													
2.97	1400	△ u	3.16	5.27	8.43	10.53	13.69						53	56.34													
		△ c	3.61	6.02	9.63	12.04							38	45.54													
3.01	1600	△ u	5.32	8.86	14.18								40	71.70													
		△ c	5.32	8.86	14.18								33	57.83													



Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
T-0000	38.1	24.21	41.3	0.0	0	18.7 Kg

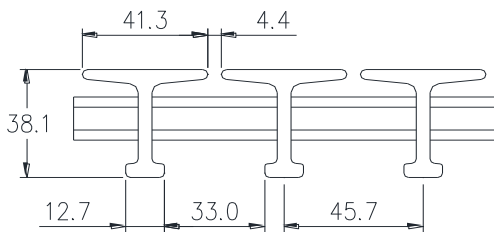
A = 9.01 x 10³ mm²/Meter of Width

I = 16.00 x 10⁵ mm⁴/Meter of Width

S_T = 11.69 x 10⁴ mm³/Meter of Width

S_B = 6.55 x 10⁴ mm³/Meter of Width

A= 8.130x10^3 mm^2/m		T1000 38mm T BARS ARE 1.8" O.C. LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED) △ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD △ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											safe load, 2 to 1			
I = 14.435x10^5 mm^4/m																
St= 10.555x10^4 mm^3/m																
Sb= 5.910x10^4 mm^3/m																
E x 10^10 N/SQm		SPAN mm		LOAD 	3	5	8	10	13	15	20	25	39	50	safety factor	deflection
1.86	400	△ u	0.04	0.06	0.10	0.12	0.16	0.19	0.25	0.31	0.48	0.62	412	5.12		
		△ c	0.15	0.25	0.40	0.50	0.65	0.74	0.99	1.24	1.94	2.48	84	4.15		
2.43	600	△ u	0.14	0.24	0.38	0.48	0.63	0.72	0.96	1.20	1.88	2.41	260	12.52		
		△ c	0.38	0.64	1.03	1.28	1.67	1.92	2.57	3.21	5.00	6.41	79	10.12		
2.68	800	△ u	0.41	0.69	1.10	1.38	1.79	2.07	2.76	3.45	5.38	6.89	146	20.13		
		△ c	0.83	1.38	2.21	2.76	3.58	4.14	5.51	6.89	10.75	13.79	59	16.24		
2.84	1000	△ u	0.95	1.59	2.54	3.18	4.13	4.76	6.35	7.94	12.39		93	29.55		
		△ c	1.52	2.54	4.07	5.08	6.61	7.62	10.16	12.70			47	23.94		
2.93	1200	△ u	1.92	3.19	5.11	6.38	8.30	9.58	12.77				65	41.35		
		△ c	2.55	4.26	6.81	8.51	11.07	12.77					39	33.08		
2.97	1400	△ u	3.50	5.83	9.33	11.67	15.17						48	56.34		
		△ c	4.00	6.67	10.67	13.33							34	45.54		
3.01	1600	△ u	5.89	9.82									37	71.71		
		△ c	5.89	9.82									29	57.83		



	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
T-1000	38.1	21.88	45.7	4.4	10	17.1 Kg

Per Sq. Meter

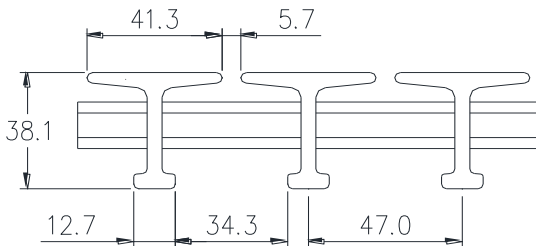
A = 8.13 x 10³ mm²/Meter of Width

I = 14.44 x 10⁵ mm⁴/Meter of Width

S_T = 10.56 x 10⁴ mm³/Meter of Width

S_B = 5.91 x 10⁴ mm³/Meter of Width

A=	7.910x10^3 mm^2/m	T1200 38mm											STRONGWELL			
I =	14.045x10^5 mm^4/m	T BARS ARE 1.85" O.C.														
St=	10.269x10^4 mm^3/m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)														
Sb=	5.750x10^4 mm^3/m	△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD														
E x 10^10 N/SQm	SPAN mm	WEIGHT PER SQm: 16.7 kg	△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											safe load, 2 to 1		
		LOAD 	3	5	8	10	13	15	20	25	39	50	safety factor	deflection		
1.86	400	△ u	0.04	0.06	0.10	0.13	0.17	0.19	0.26	0.32	0.50	0.64	401	5.12		
		△ c	0.15	0.26	0.41	0.51	0.66	0.77	1.02	1.28	1.99	2.55	81	4.15		
2.43	600	△ u	0.15	0.25	0.40	0.49	0.64	0.74	0.99	1.24	1.93	2.47	253	12.52		
		△ c	0.40	0.66	1.05	1.32	1.71	1.98	2.64	3.30	5.14	6.59	77	10.12		
2.68	800	△ u	0.43	0.71	1.13	1.42	1.84	2.13	2.83	3.54	5.53	7.08	142	20.13		
		△ c	0.85	1.42	2.27	2.83	3.68	4.25	5.67	7.08	11.05		57	16.24		
2.84	1000	△ u	0.98	1.63	2.61	3.26	4.24	4.90	6.53	8.16	12.73		91	29.55		
		△ c	1.57	2.61	4.18	5.22	6.79	7.83	10.45	13.06			46	23.94		
2.93	1200	△ u	1.97	3.28	5.25	6.56	8.53	9.84	13.12				63	41.35		
		△ c	2.62	4.37	7.00	8.75	11.37	13.12				38	33.08			
2.97	1400	△ u	3.60	6.00	9.59	11.99							47	56.34		
		△ c	4.11	6.85	10.96							33	45.54			
3.01	1600	△ u	6.06	10.09									36	71.70		
		△ c	6.06	10.09									29	57.83		

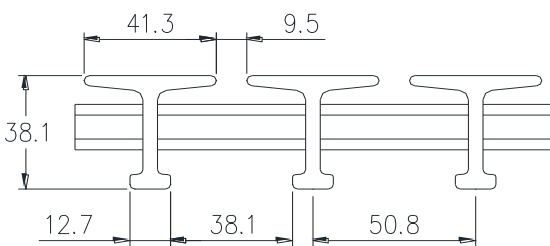


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
T-1200	38.1	21.28	47.0	5.7	12	16.7 Kg

A = 7.91 x 10³ mm²/Meter of Width
I = 14.05 x 10⁵ mm⁴/Meter of Width

S_T= 10.27 x 10⁴ mm³/Meter of Width
S_B = 5.75 x 10⁴ mm³/Meter of Width

A=	7.317x10^3 mm^2/m	T1800 38mm											STRONGWELL	
I =	12.992x10^5 mm^4/m	T BARS ARE 2" O.C.												
St=	9.499x10^4 mm^3/m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)												
Sb=	5.319x10^4 mm^3/m	△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD												
E x 10^10 N/SQm	SPAN mm	WEIGHT PER SQm: 15.6 kg	△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD										safe load, 2 to 1	
		LOAD 	3	5	8	10	13	15	20	25	39	50	safety factor	deflection
1.86	400	△ u	0.04	0.07	0.11	0.14	0.18	0.21	0.28	0.34	0.54	0.69	371	5.12
		△ c	0.17	0.28	0.44	0.55	0.72	0.83	1.10	1.38	2.15	2.76	75	4.15
2.43	600	△ u	0.16	0.27	0.43	0.53	0.69	0.80	1.07	1.34	2.08	2.67	234	12.52
		△ c	0.43	0.71	1.14	1.43	1.85	2.14	2.85	3.56	5.56	7.13	71	10.12
2.68	800	△ u	0.46	0.77	1.23	1.53	1.99	2.30	3.06	3.83	5.97	7.66	131	20.13
		△ c	0.92	1.53	2.45	3.06	3.98	4.60	6.13	7.66	11.95		53	16.24
2.84	1000	△ u	1.06	1.76	2.82	3.53	4.59	5.29	7.06	8.82	13.76		84	29.55
		△ c	1.69	2.82	4.52	5.65	7.34	8.47	11.29	14.12			42	23.94
2.93	1200	△ u	2.13	3.55	5.67	7.09	9.22	10.64	14.19				58	41.35
		△ c	2.84	4.73	7.57	9.46	12.29						35	33.08
2.97	1400	△ u	3.89	6.48	10.37	12.96							43	56.34
		△ c	4.44	7.41	11.85									31
3.01	1600	△ u	6.55	10.91									33	71.70
		△ c	6.55	10.91										

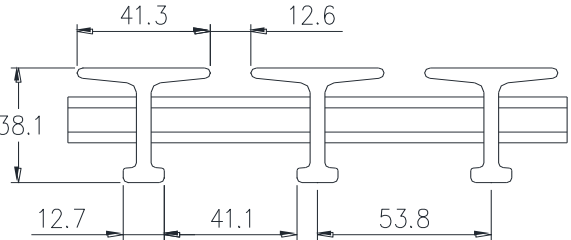


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Width	Center	Space	Weight
T-1800	38.1	19.68	50.8	9.5	18	15.6 Kg
						Per
						Sq. Meter

$A = 7.32 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 12.99 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S_T = 9.50 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $S_B = 5.32 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 6.903x10^3 mm^2/m		T2500 38mm T BARS ARE 2.12" O.C. LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED) △ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD WEIGHT PER SQm: 14.8 kg △ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											safe load, 2 to 1	
I = 12.256x10^5 mm^4/m														
St= 8.962x10^4 mm^3/m														
Sb= 5.018x10^4 mm^3/m														
E x 10^10 N/SQm	SPAN mm	LOAD 	3	5	8	10	13	15	20	25	39	50	safety factor	deflection
1.86	400	△ u	0.04	0.07	0.12	0.15	0.19	0.22	0.29	0.37	0.57	0.73	350	5.12
		△ c	0.18	0.29	0.47	0.58	0.76	0.88	1.17	1.46	2.28	2.92	71	4.15
2.43	600	△ u	0.17	0.28	0.45	0.57	0.74	0.85	1.13	1.42	2.21	2.83	221	12.52
		△ c	0.45	0.76	1.21	1.51	1.96	2.27	3.02	3.78	5.89	7.55	67	10.12
2.68	800	△ u	0.49	0.81	1.30	1.62	2.11	2.44	3.25	4.06	6.33	8.12	124	20.13
		△ c	0.97	1.62	2.60	3.25	4.22	4.87	6.49	8.12	12.67	16.24	50	16.24
2.84	1000	△ u	1.12	1.87	2.99	3.74	4.86	5.61	7.48	9.35	14.59		79	29.55
		△ c	1.80	2.99	4.79	5.99	7.78	8.98	11.97	14.96			40	23.94
2.93	1200	△ u	2.26	3.76	6.02	7.52	9.77	11.28	15.04				55	41.35
		△ c	3.01	5.01	8.02	10.03	13.03						33	33.08
2.97	1400	△ u	4.12	6.87	10.99	13.74							41	56.34
		△ c	4.71	7.85	12.56									29
3.01	1600	△ u	6.94	11.57									31	71.71
		△ c	6.94	11.57										25



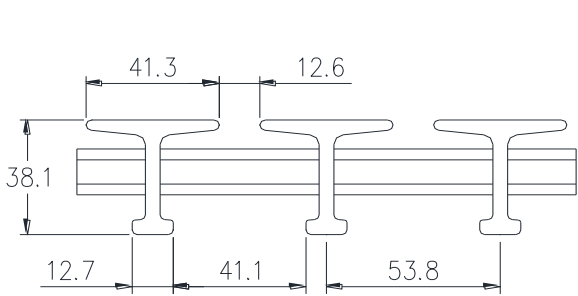
	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Width	Center	Space	Weight
T-2500	38.1	18.59	53.8	12.6	25	14.8 Kg
						Per
						Sq. Meter

A = 6.90 x 10^3 mm^2/Meter of Width

I = 12.26 x 10^5 mm^4/Meter of Width

S_T = 8.96 x 10^4 mm^3/Meter of Width

S_B = 5.02 x 10^4 mm^3/Meter of Width

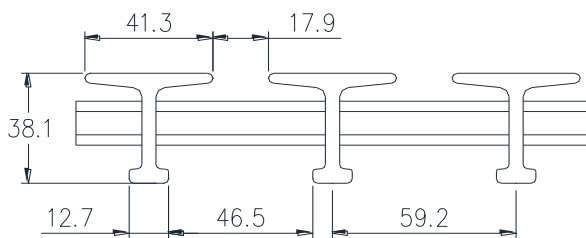


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
T-2500	38.1	18.59	53.8	12.6	25	14.8 Kg

$A = 6.90 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $S_T = 8.96 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

$I = 12.26 \times 10^5 \text{ mm}^4/\text{Meter of Width}$
 $S_B = 5.02 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A=	6.271x10^3 mm^2/m	T3000 38mm											STRONGWELL	
I =	11.136x10^5 mm^4/m	T BARS ARE 2.33" O.C.												
St=	8.142x10^4 mm^3/m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)												
Sb=	4.559x10^4 mm^3/m	△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD												
E x 10^10 N/SQm	SPAN mm	WEIGHT PER SQm: 13.8 kg	△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD										safe load, 2 to 1	
		LOAD 	3	5	8	10	13	15	20	25	39	50	safety factor	deflection
1.86	400	△ u	0.05	0.08	0.13	0.16	0.21	0.24	0.32	0.40	0.63	0.80	318	5.13
		△ c	0.19	0.32	0.51	0.64	0.84	0.97	1.29	1.61	2.51	3.22	65	4.16
2.43	600	△ u	0.19	0.31	0.50	0.62	0.81	0.94	1.25	1.56	2.43	3.12	201	12.54
		△ c	0.50	0.83	1.33	1.66	2.16	2.49	3.33	4.16	6.49	8.31	61	10.14
2.68	800	△ u	0.54	0.89	1.43	1.79	2.32	2.68	3.57	4.47	6.97	8.94	113	20.16
		△ c	1.07	1.79	2.86	3.57	4.65	5.36	7.15	8.94	13.94		45	16.26
2.84	1000	△ u	1.24	2.06	3.29	4.12	5.35	6.18	8.23	10.29			72	29.59
		△ c	1.98	3.29	5.27	6.59	8.56	9.88	13.17				36	23.98
2.93	1200	△ u	2.48	4.14	6.62	8.27	10.76	12.41					50	41.41
		△ c	3.31	5.52	8.83	11.03	14.34					30	33.13	
2.97	1400	△ u	4.54	7.56	12.10								37	56.42
		△ c	5.19	8.64	13.83								26	45.61
3.01	1600	△ u	7.64	12.73									28	71.81
		△ c	7.64	12.73									23	57.91

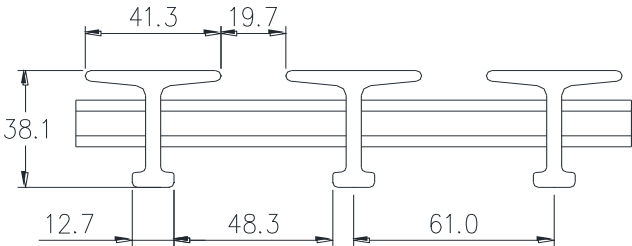


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
T-3000	38.1	16.88	59.3	18.0	30	13.8 Kg

$A = 6.27 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 11.14 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S_T = 8.14 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $S_B = 4.56 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A=	6.097x10^3 mm^2/m	T3500 38mm												T BARS ARE 2.33" O.C.		STRONGWELL	
I =	10.826x10^5 mm^4/m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)															
St=	7.916x10^4 mm^3/m	△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
Sb=	4.432x10^4 mm^3/m	WEIGHT PER SQm: 13.3 kg														safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	5	8	10	13	15	20	25	39	50	safety factor	deflection			
1.86	400	△ u	0.05	0.08	0.13	0.17	0.22	0.25	0.33	0.41	0.65	0.83	309	5.12			
		△ c	0.20	0.33	0.53	0.66	0.86	0.99	1.32	1.66	2.58	3.31	63	4.15			
2.43	600	△ u	0.19	0.32	0.51	0.64	0.83	0.96	1.28	1.60	2.50	3.21	195	12.52			
		△ c	0.51	0.86	1.37	1.71	2.22	2.57	3.42	4.28	6.67	8.55	59	10.12			
2.68	800	△ u	0.55	0.92	1.47	1.84	2.39	2.76	3.68	4.60	7.17	9.19	110	20.13			
		△ c	1.10	1.84	2.94	3.68	4.78	5.51	7.35	9.19	14.34		44	16.24			
2.84	1000	△ u	1.27	2.12	3.39	4.23	5.51	6.35	8.47	10.59			70	29.55			
		△ c	2.03	3.39	5.42	6.78	8.81	10.16	13.55				35	23.94			
2.93	1200	△ u	2.55	4.26	6.81	8.51	11.07	12.77					49	41.35			
		△ c	3.40	5.67	9.08	11.35	14.75					29	33.08				
2.97	1400	△ u	4.67	7.78	12.45									36	56.34		
		△ c	5.33	8.89	14.22									26	45.55		
3.01	1600	△ u	7.86	13.09										27	71.71		
		△ c	7.86	13.09										22	57.83		

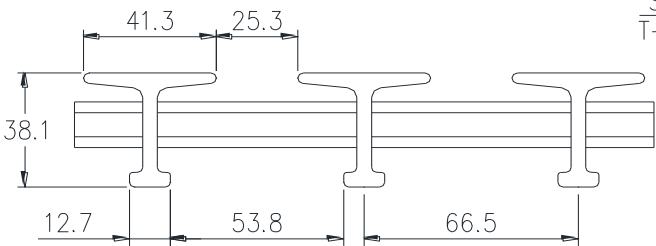


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
T-3500	38.1	16.39	61.0	19.7	35	13.3 Kg

A = 6.10 x 10³ mm²/Meter of Width
I = 10.83 x 10⁵ mm⁴/Meter of Width

S_T = 7.92 x 10⁴ mm³/Meter of Width
S_B = 4.43 x 10⁴ mm³/Meter of Width

A=	5.585x10^3 mm^2/m	T3800 38mm												T BARS ARE 2.33" O.C.		STRONGWELL	
I =	9.917x10^5 mm^4/m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)															
St=	7.251x10^4 mm^3/m	△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
Sb=	4.060x10^4 mm^3/m	WEIGHT PER SQm: 12.4 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	5	8	10	13	15	20	25	39	50	safety factor	deflection			
1.86	400	△ u	0.05	0.09	0.14	0.18	0.23	0.27	0.36	0.45	0.70	0.90	283	5.12			
		△ c	0.22	0.36	0.58	0.72	0.94	1.08	1.45	1.81	2.82	3.61	57	4.15			
2.43	600	△ u	0.21	0.35	0.56	0.70	0.91	1.05	1.40	1.75	2.73	3.50	179	12.52			
		△ c	0.56	0.93	1.49	1.87	2.43	2.80	3.73	4.67	7.28	9.34	54	10.12			
2.68	800	△ u	0.60	1.00	1.61	2.01	2.61	3.01	4.01	5.02	7.83	10.03	100	20.13			
		△ c	1.20	2.01	3.21	4.01	5.22	6.02	8.03	10.03	15.65		40	16.24			
2.84	1000	△ u	1.39	2.31	3.70	4.62	6.01	6.93	9.25	11.56			64	29.55			
		△ c	2.22	3.70	5.92	7.40	9.62	11.10	14.79				32	23.94			
2.93	1200	△ u	2.79	4.65	7.43	9.29	12.08	13.94					45	41.35			
		△ c	3.72	6.19	9.91	12.39	16.11						27	33.08			
2.97	1400	△ u	5.09	8.49	13.59								33	56.34			
		△ c	5.82	9.70									23	45.54			
3.01	1600	△ u	8.58	14.29									25	71.71			
		△ c	8.58										20	57.83			

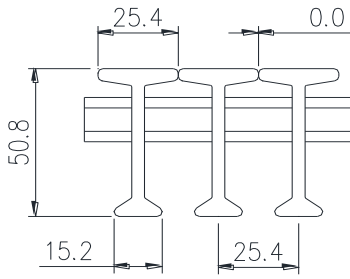


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Width	Center	Space	Weight
T-3800	38.1	15.04	66.5	25.3	38	12.4 Kg
						Per
						Sq. Meter

$A = 5.59 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 9.92 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S_T = 7.25 \times 10^4 \text{ mm}^3/\text{Meter of Width}$
 $S_B = 4.06 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 1.406x10^4 mm^2/m		T0000 51mm												STRONGWELL		
I= 4.705x10^6 mm^4/m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)														
St= 2.152x10^5 mm^3/m		ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD														
Sb= 1.626x10^5 mm^3/m		WEIGHT PER SQm: 28.0 kg												safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	3	5	8	10	13	15	20	25	39	50	100	safety factor	deflection	
2.73	600	Δ u	0.04	0.07	0.11	0.13	0.17	0.20	0.26	0.33	0.51	0.66	1.31	542	7.12	
		Δ c	0.11	0.18	0.28	0.35	0.46	0.53	0.70	0.88	1.37	1.75	3.50	168	5.89	
2.85	800	Δ u	0.12	0.20	0.32	0.40	0.52	0.60	0.80	0.99	1.55	1.99	3.98	327	13.00	
		Δ c	0.24	0.40	0.64	0.80	1.03	1.19	1.59	1.99	3.10	3.98	7.95	126	10.03	
2.92	1000	Δ u	0.28	0.47	0.76	0.95	1.23	1.42	1.90	2.37	3.70	4.74	9.48	202	19.12	
		Δ c	0.45	0.76	1.21	1.52	1.97	2.27	3.03	3.79	5.91	7.58	15.16	101	15.29	
2.98	1200	Δ u	0.58	0.96	1.54	1.93	2.50	2.89	3.85	4.81	7.51	9.63	19.26	140	26.95	
		Δ c	0.77	1.28	2.05	2.57	3.34	3.85	5.13	6.42	10.01	12.84		84	21.57	
3.05	1400	Δ u	1.05	1.74	2.79	3.49	4.53	5.23	6.97	8.71	13.59			103	35.89	
		Δ c	1.20	1.99	3.19	3.98	5.18	5.98	7.97	9.96	15.54			72	28.70	
3.1	1600	Δ u	1.76	2.93	4.68	5.85	7.61	8.78	11.70					79	46.07	
		Δ c	1.76	2.93	4.68	5.85	7.61	8.78	11.70					63	36.86	
3.15	1800	Δ u	2.77	4.61	7.38	9.22	11.99							62	57.40	
		Δ c	2.46	4.10	6.56	8.20	10.66	12.30							56	45.93
3.2	2000	Δ u	4.15	6.92	11.07	13.84									50	69.74
		Δ c	3.32	5.53	8.86	11.07	14.39									50

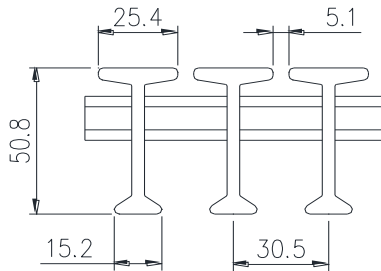


Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Weight
T-0000	50.8	39.37	25.4	0.0	28.0 Kg
					Per
					Sq. Meter

$A = 1.41 \times 10^4 \text{ mm}^2/\text{Meter of Width}$
 $I = 4.71 \times 10^6 \text{ mm}^4/\text{Meter of Width}$

$S_T = 2.15 \times 10^5 \text{ mm}^3/\text{Meter of Width}$
 $S_B = 1.63 \times 10^5 \text{ mm}^3/\text{Meter of Width}$

A= 1.171x10^4 mm^2/m		T1700 51mm												STRONGWELL				
I = 3.921x10^6 mm^4/m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)																
St= 1.793x10^5 mm^3/m		ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																
Sb= 1.355x10^5 mm^3/m		WEIGHT PER SQm: 23.6 kg												Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	3	5	8	10	13	15	20	25	39	50	100	safety factor	deflection			
2.73	600	Δ u	0.05	0.08	0.13	0.16	0.20	0.24	0.32	0.39	0.61	0.79	1.58	452	7.12			
		Δ c	0.13	0.21	0.34	0.42	0.55	0.63	0.84	1.05	1.64	2.10	4.20	137	5.75			
2.85	800	Δ u	0.14	0.24	0.38	0.48	0.62	0.72	0.95	1.19	1.86	2.39	4.77	262	12.49			
		Δ c	0.29	0.48	0.76	0.95	1.24	1.43	1.91	2.39	3.72	4.77	9.55	105	10.02			
2.92	1000	Δ u	0.34	0.57	0.91	1.14	1.48	1.71	2.27	2.84	4.44	5.69	11.37	167	18.96			
		Δ c	0.55	0.91	1.46	1.82	2.37	2.73	3.64	4.55	7.10	9.10		83	15.17			
2.98	1200	Δ u	0.69	1.16	1.85	2.31	3.00	3.47	4.62	5.78	9.01	11.55		112	25.81			
		Δ c	0.92	1.54	2.46	3.08	4.01	4.62	6.16	7.70	12.02			68	21.06			
3.05	1400	Δ u	1.25	2.09	3.35	4.18	5.44	6.27	8.37	10.46	16.31			85	35.56			
		Δ c	1.43	2.39	3.82	4.78	6.21	7.17	9.56	11.95				60	28.69			
3.1	1600	Δ u	2.11	3.51	5.62	7.02	9.13	10.53	14.04					65	45.64			
		Δ c	2.11	3.51	5.62	7.02	9.13	10.53	14.04					52	36.28			
3.15	1800	Δ u	3.32	5.53	8.85	11.07	14.39							52	57.19			
		Δ c	2.95	4.92	7.87	9.84	12.79							45	44.28			
3.2	2000	Δ u	4.98	8.30	13.28									42	69.20			
		Δ c	3.98	6.64	10.63	13.28								42	55.36			

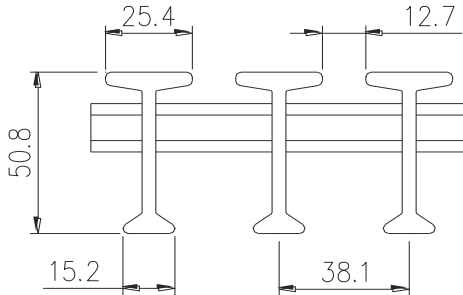


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
T-1700	50.8	32.79	30.5	5.1	17	23.6 Kg
						Per Sq. Meter

A = 1.17 x 10^4 mm^2/Meter of Width
I = 3.92 x 10^6 mm^4/Meter of Width

S_T = 1.79 x 10^5 mm^3/Meter of Width
S_B = 1.35 x 10^5 mm^3/Meter of Width

A= 9.371x10^3 mm^2/m		T3300 51mm												STRONGWELL			
I= 3.137x10^6 mm^4/m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)															
St= 1.436x10^4 mm^3/m		△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
Sb= 1.084x10^5 mm^3/m		WEIGHT PER SQm: 19.2 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	5	8	10	13	15	20	25	39	50	safety factor	deflection			
2.73	600	△ u	0.06	0.10	0.16	0.20	0.26	0.30	0.39	0.49	0.77	0.99	361	7.12			
		△ c	0.16	0.26	0.42	0.53	0.68	0.79	1.05	1.31	2.05	2.63	109	5.74			
2.85	800	△ u	0.18	0.30	0.48	0.60	0.78	0.89	1.19	1.49	2.33	2.98	209	12.49			
		△ c	0.36	0.60	0.95	1.19	1.55	1.79	2.39	2.98	4.65	5.97	84	10.02			
2.92	1000	△ u	0.43	0.71	1.14	1.42	1.85	2.13	2.84	3.55	5.54	7.11	133	18.95			
		△ c	0.68	1.14	1.82	2.27	2.96	3.41	4.55	5.69	8.87	11.37	67	15.16			
2.98	1200	△ u	0.87	1.44	2.31	2.89	3.75	4.33	5.78	7.22	11.26	14.44	89	25.80			
		△ c	1.16	1.93	3.08	3.85	5.01	5.78	7.70	9.63	15.02		55	21.05			
3.05	1400	△ u	1.57	2.61	4.18	5.23	6.80	7.84	10.46	13.07			68	35.54			
		△ c	1.79	2.99	4.78	5.98	7.77	8.96	11.95				48	28.67			
3.1	1600	△ u	2.63	4.39	7.02	8.78	11.41	13.16					52	45.62			
		△ c	2.63	4.39	7.02	8.78	11.41	13.16					41	36.26			
3.15	1800	△ u	4.15	6.92	11.07	13.83								41	57.16		
		△ c	3.69	6.15	9.84	12.30								36	44.26		
3.2	2000	△ u	6.23	10.38										33	69.17		
		△ c	4.98	8.30	13.28										33	55.33	

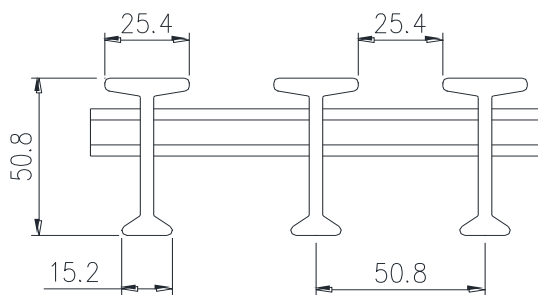


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
T-3300	50.8	26.25	38.1	12.7	33	19.2 Kg
						Per
						Sq. Meter

A = 9.37 x 10³ mm²/Meter of Width
I = 3.14 x 10⁶ mm⁴/Meter of Width

S_T = 1.43 x 10⁴ mm³/Meter of Width
S_B = 1.08 x 10⁵ mm³/Meter of Width

A= 7.029x10^3 mm^2/m		T5000 51mm											STRONGWELL			
I = 2.353x10^6 mm^4/m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)														
St= 1.076x10^5 mm^3/m		△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD														
Sb= 8.130x10^4 mm^3/m		WEIGHT PER SQm: 14.9 kg											△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	5	8	10	13	15	20	25	39	50	safety factor	deflection		
2.73	600	△ u	0.08	0.13	0.21	0.26	0.34	0.39	0.53	0.66	1.02	1.31	271	7.12		
		△ c	0.21	0.35	0.56	0.70	0.91	1.05	1.40	1.75	2.73	3.50	82	5.75		
2.85	800	△ u	0.24	0.40	0.64	0.80	1.03	1.19	1.59	1.99	3.10	3.98	157	12.49		
		△ c	0.48	0.80	1.27	1.59	2.07	2.39	3.18	3.98	6.20	7.95	63	10.02		
2.92	1000	△ u	0.57	0.95	1.52	1.90	2.46	2.84	3.79	4.74	7.39	9.48	100	18.95		
		△ c	0.91	1.52	2.43	3.03	3.94	4.55	6.07	7.58	11.83		50	15.16		
2.98	1200	△ u	1.16	1.93	3.08	3.85	5.01	5.78	7.70	9.63	15.02		67	25.80		
		△ c	1.54	2.57	4.11	5.13	6.68	7.70	10.27	12.84			41	21.05		
3.05	1400	△ u	2.09	3.49	5.58	6.97	9.06	10.46	13.94				51	35.55		
		△ c	2.39	3.98	6.37	7.97	10.36	11.95				36	28.68			
3.1	1600	△ u	3.51	5.85	9.36	11.70								39	45.63	
		△ c	3.51	5.85	9.36	11.70								31	36.27	
3.15	1800	△ u	5.53	9.22	14.76									31	57.18	
		△ c	4.92	8.20	13.12									27	44.27	
3.2	2000	△ u	8.30	13.84										25	69.18	
		△ c	6.64	11.07										25	55.35	

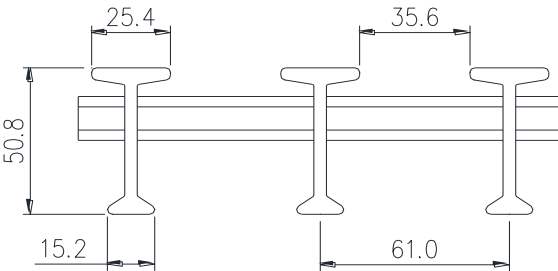


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
T-5000	50.8	19.68	50.8	25.4	50	14.9 Kg
						Per Sq. Meter

$A = 7.03 \times 10^3 \text{ mm}^2/\text{Meter of Width}$
 $I = 2.35 \times 10^6 \text{ mm}^4/\text{Meter of Width}$

$S_T = 1.08 \times 10^5 \text{ mm}^3/\text{Meter of Width}$
 $S_B = 8.13 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 5.857x10^3 mm^2/m		T5800 51mm STRONGWELL LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED) △u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD △c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												safe load, 2 to 1											
I = 1.961x10^6 mm^4/m																									
St= 8.966x10^4 mm^3/m																									
Sb= 6.775x10^4 mm^3/m														WEIGHT PER SQm: 12.7 kg											
E x 10^10 N/SQm	SPAN mm	LOAD 	3	5	8	10	13	15	20	25	39	50	safety factor	deflection											
2.73	600	△u	0.09	0.16	0.25	0.32	0.41	0.47	0.63	0.79	1.23	1.58	226	7.12											
		△c	0.25	0.42	0.67	0.84	1.09	1.26	1.68	2.10	3.28	4.20	68	5.75											
2.85	800	△u	0.29	0.48	0.76	0.95	1.24	1.43	1.91	2.39	3.72	4.77	131	12.49											
		△c	0.57	0.95	1.53	1.91	2.48	2.86	3.82	4.77	7.45	9.55	52	10.02											
2.92	1000	△u	0.68	1.14	1.82	2.27	2.96	3.41	4.55	5.69	8.87	11.37	83	18.95											
		△c	1.09	1.82	2.91	3.64	4.73	5.46	7.28	9.10	14.19		42	15.16											
2.98	1200	△u	1.39	2.31	3.70	4.62	6.01	6.93	9.24	11.55			56	25.80											
		△c	1.85	3.08	4.93	6.16	8.01	9.24	12.32				34	21.05											
3.05	1400	△u	2.51	4.18	6.69	8.37	10.87	12.55					42	35.55											
		△c	2.87	4.78	7.65	9.56	12.43						30	28.68											
3.1	1600	△u	4.21	7.02	11.23	14.04							32	45.63											
		△c	4.21	7.02	11.23	14.04							26	36.27											
3.15	1800	△u	6.64	11.07									26	57.18											
		△c	5.90	9.84									22	44.27											

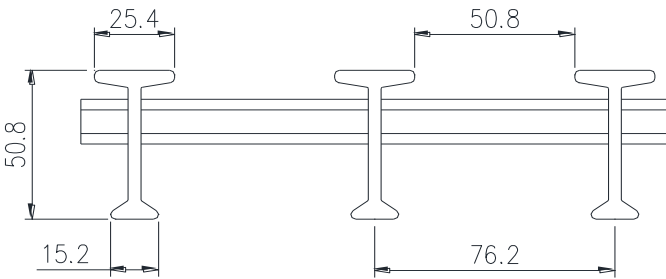


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
T-5800	50.8	16.39	61.0	35.6	58	12.7 Kg

A = 5.86 x 10³ mm²/Meter of Width
I = 1.96 x 10⁶ mm⁴/Meter of Width

S_T = 8.97 x 10⁴ mm³/Meter of Width
S_B = 6.78 x 10⁴ mm³/Meter of Width

A= 4.686x10^3 mm^2/m		T6700 51mm STRONGWELL LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED) △u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD △ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											safe load, 2 to 1			
I = 1.568x10^6 mm^4/m																
St= 7.173x10^4 mm^3/m																
Sb= 5.420x10^4 mm^3/m																
E x 10^10 N/SQm		SPAN mm		LOAD 	3	5	8	10	13	15	20	25	39	50	safety factor	deflection
2.73	600	△ u	0.12	0.20	0.32	0.39	0.51	0.59	0.79	0.99	1.54	1.97	181	7.12		
		△ c	0.32	0.53	0.84	1.05	1.37	1.58	2.10	2.63	4.10	5.25	55	5.75		
2.85	800	△ u	0.36	0.60	0.95	1.19	1.55	1.79	2.39	2.98	4.65	5.97	105	12.49		
		△ c	0.72	1.19	1.91	2.39	3.10	3.58	4.77	5.97	9.31		42	10.02		
2.92	1000	△ u	0.85	1.42	2.27	2.84	3.70	4.26	5.69	7.11	11.09		67	18.96		
		△ c	1.36	2.27	3.64	4.55	5.91	6.82	9.10	11.37			33	15.16		
2.98	1200	△ u	1.73	2.89	4.62	5.78	7.51	8.67	11.55				45	25.80		
		△ c	2.31	3.85	6.16	7.70	10.01	11.55					27	21.05		
3.05	1400	△ u	3.14	5.23	8.37	10.46	13.59						34	35.55		
		△ c	3.59	5.98	9.56	11.95	15.54						24	28.68		
3.1	1600	△ u	5.27	8.78	14.04								26	45.63		
		△ c	5.27	8.78	14.04								21	36.27		

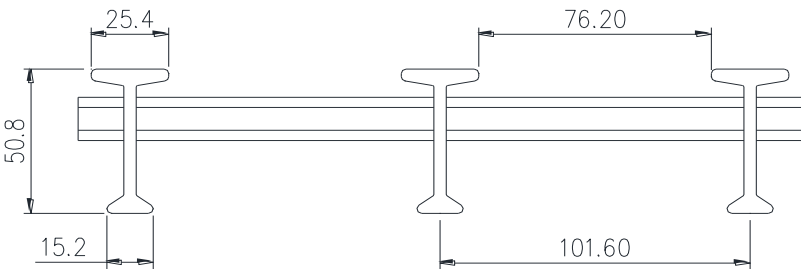


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
T-6700	50.8	13.12	76.2	50.8	67	10.7 Kg

A = 4.69 x 10³ mm²/Meter of Width
I = 1.57 x 10⁶ mm⁴/Meter of Width

S_T = 7.17 x 10⁴ mm³/Meter of Width
S_B = 5.42 x 10⁴ mm³/Meter of Width

A= 3.514x10^3 mm^2/m		T7500 51mm												STRONGWELL			
I = 1.176x10^6 mm^4/m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)															
St= 5.379x10^4 mm^3/m		△u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
Sb= 4.065x10^4 mm^3/m		WEIGHT PER SQm: 7.4 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	5	8	10	13	15	20	25	39	50	safety factor	deflection			
2.73	600	△ u	0.16	0.26	0.42	0.53	0.68	0.79	1.05	1.31	2.05	2.63	136	7.12			
		△ c	0.42	0.70	1.12	1.40	1.82	2.10	2.80	3.50	5.47		41	5.75			
2.85	800	△ u	0.48	0.80	1.27	1.59	2.07	2.39	3.18	3.98	6.20	7.95	79	12.49			
		△ c	0.95	1.59	2.55	3.18	4.14	4.77	6.36	7.95			32	10.02			
2.92	1000	△ u	1.14	1.90	3.03	3.79	4.93	5.69	7.58	9.48	14.78		50	18.95			
		△ c	1.82	3.03	4.85	6.07	7.88	9.10	12.13	15.16			25	15.16			
2.98	1200	△ u	2.31	3.85	6.16	7.70	10.01	11.55	15.40	19.26			34	25.80			
		△ c	3.08	5.13	8.22	10.27	13.35	15.40	20.54				21	21.05			
3.05	1400	△ u	4.18	6.97	11.15	13.94							26	35.55			
		△ c	4.78	7.97	12.75								18	28.68			
3.10	1600	△ u	7.02	11.70									20	45.63			
		△ c	7.02	11.70									16	36.27			

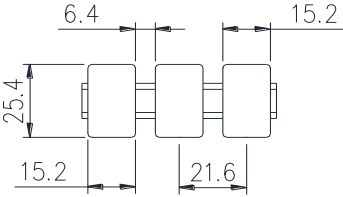


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
T-7500	50.8	9.84	101.60	76.20	75	7.4 Kg
						Per Sq. Meter

A = 3.514 x 10³ mm²/Meter of Width
I = 1.176 x 10⁶ mm⁴/Meter of Width

S_T= 5.38 x 10⁴ mm³/Meter of Width
S_B= 4.07 x 10⁴ mm³/Meter of Width

A= 1.793x10 ⁴ mm ² /m		HD3000 25mm												STRONGWELL	
I = 9.639x10 ⁵ mm ⁴ /m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)													
S= 7.589x10 ⁴ mm ³ /m		△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
E x 10 ¹⁰ N/SQm		WEIGHT PER SQm: 38.1 kg												safe load, 2 to 1	
SPAN mm		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
3.8	400	△ u	0.03	0.03	0.04	0.04	0.05	0.05	0.07	0.09	0.11	0.14	0.18	369	3.36
		△ c	0.11	0.13	0.15	0.16	0.18	0.22	0.29	0.36	0.44	0.55	0.73	129	4.69
4.01	600	△ u	0.13	0.15	0.17	0.20	0.22	0.26	0.35	0.44	0.52	0.65	0.87	251	10.94
		△ c	0.35	0.41	0.47	0.52	0.58	0.70	0.93	1.16	1.40	1.75	2.33	76	8.83
4.11	800	△ u	0.40	0.47	0.54	0.61	0.67	0.81	1.08	1.35	1.62	2.02	2.69	122	16.39
		△ c	0.81	0.94	1.08	1.21	1.35	1.62	2.15	2.69	3.23	4.04	5.38	48	12.83
4.14	1000	△ u	0.98	1.14	1.31	1.47	1.63	1.96	2.61	3.26	3.92	4.89	6.53	78	25.34
		△ c	1.57	1.83	2.09	2.35	2.61	3.13	4.18	5.22	6.26	7.83	10.44	39	20.27
4.16	1200	△ u	2.02	2.36	2.69	3.03	3.37	4.04	5.39	6.73	8.08	10.10	13.47	51	34.46
		△ c	2.69	3.14	3.59	4.04	4.49	5.39	7.18	8.98	10.77	13.47	17.96	32	28.52
4.18	1400	△ u	3.72	4.35	4.97	5.59	6.21	7.45	9.93	12.41	14.90	18.62		41	50.39
		△ c	4.26	4.97	5.68	6.38	7.09	8.51	11.35	14.19	17.03			28	40.06

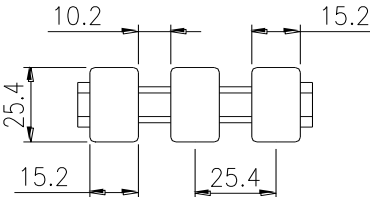


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Ft. Width	Center	Space	Area	Weight
HD-3000	25.4	46.30	21.6	6.4	30	38.1 Kg
						Per
						Sq. Meter

A = 17.93 x 10⁴ mm²/Meter of Width
I = 9.64 x 10⁵ mm⁴/Meter of Width

S = 7.59 x 10⁴ mm³/Meter of Width

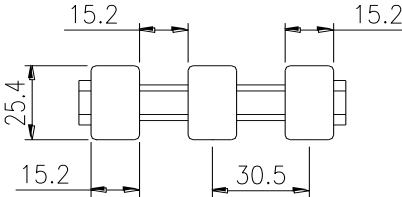
A=	1.523x10^4 mm^2/m	HD4000 25mm												STRONGWELL			
I =	8.191x10^5 mm^4/m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)															
S=	6.449x10^4 mm^3/m	△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
		WEIGHT PER SQm: 34.2 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
3.8	400	△ u	0.03	0.04	0.04	0.05	0.05	0.06	0.09	0.11	0.13	0.16	0.21	314	3.36		
		△ c	0.13	0.15	0.17	0.19	0.21	0.26	0.34	0.43	0.51	0.64	0.86	110	4.69		
4.01	600	△ u	0.15	0.18	0.21	0.23	0.26	0.31	0.41	0.51	0.62	0.77	1.03	213	10.94		
		△ c	0.41	0.48	0.55	0.62	0.69	0.82	1.10	1.37	1.64	2.06	2.74	65	8.84		
4.11	800	△ u	0.48	0.55	0.63	0.71	0.79	0.95	1.27	1.58	1.90	2.38	3.17	104	16.40		
		△ c	0.95	1.11	1.27	1.43	1.58	1.90	2.53	3.17	3.80	4.75	6.34	41	12.83		
4.14	1000	△ u	1.15	1.34	1.54	1.73	1.92	2.30	3.07	3.84	4.61	5.76	7.68	66	25.34		
		△ c	1.84	2.15	2.46	2.76	3.07	3.69	4.91	6.14	7.37	9.22	12.29	33	20.27		
4.16	1200	△ u	2.38	2.77	3.17	3.57	3.96	4.75	6.34	7.92	9.51	11.89	15.85	44	34.47		
		△ c	3.17	3.70	4.23	4.75	5.28	6.34	8.45	10.57	12.68	15.85		27	28.53		
4.18	1400	△ u	4.38	5.11	5.84	6.57	7.30	8.77	11.69	14.61				35	50.40		
		△ c	5.01	5.84	6.68	7.51	8.35	10.02	13.36	16.70				24	40.07		



Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-4000	25.4	39.37	25.4	10.2	40	34.18 Kg

$A = 1.52 \times 10^4 \text{ mm}^2/\text{Meter of Width}$ $I = 8.19 \times 10^5 \text{ mm}^4/\text{Meter of Width}$ $S = 6.45 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A=	1.270x10^4 mm^2/m	HD5000 25mm												STRONGWELL		
I =	6.826x10^5 mm^4/m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)														
S=	5.375x10^4 mm^3/m	△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD														
E x 10^10 N/SQm	SPAN mm	WEIGHT PER SQm: 28.8 kg	△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												safe load, 2 to 1	
		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection	
3.8	400	△ u	0.04	0.04	0.05	0.06	0.06	0.08	0.10	0.13	0.15	0.19	0.26	261	3.36	
		△ c	0.15	0.18	0.21	0.23	0.26	0.31	0.41	0.51	0.62	0.77	1.03	91	4.69	
4.01	600	△ u	0.18	0.22	0.25	0.28	0.31	0.37	0.49	0.62	0.74	0.92	1.23	178	10.94	
		△ c	0.49	0.58	0.66	0.74	0.82	0.99	1.32	1.64	1.97	2.47	3.29	54	8.84	
4.11	800	△ u	0.57	0.67	0.76	0.86	0.95	1.14	1.52	1.90	2.28	2.85	3.80	86	16.40	
		△ c	1.14	1.33	1.52	1.71	1.90	2.28	3.04	3.80	4.56	5.70	7.60	34	12.83	
4.14	1000	△ u	1.38	1.61	1.84	2.07	2.30	2.76	3.69	4.61	5.53	6.91	9.22	55	25.34	
		△ c	2.21	2.58	2.95	3.32	3.69	4.42	5.90	7.37	8.85	11.06	14.74	28	20.27	
4.16	1200	△ u	2.85	3.33	3.80	4.28	4.75	5.70	7.61	9.51	11.41	14.26		36	34.47	
		△ c	3.80	4.44	5.07	5.70	6.34	7.61	10.14	12.68	15.21			23	28.52	
4.18	1400	△ u	5.26	6.14	7.01	7.89	8.77	10.52	14.02					29	50.40	
		△ c	6.01	7.01	8.01	9.02	10.02	12.02	16.03					20	40.07	

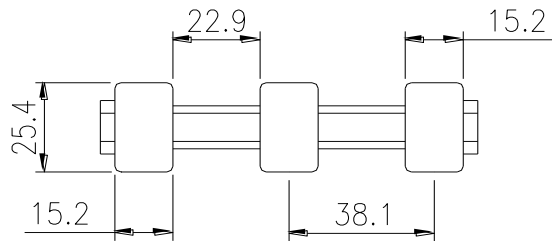


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
HD-5000	25.4	32.79	30.5	15.2	50	28.81 Kg
						Per Sq. Meter

A = 1.27 x 10^4 mm^2/Meter of Width
I = 6.83 x 10^5 mm^4/Meter of Width

S = 5.37 x 10^4 mm^3/Meter of Width

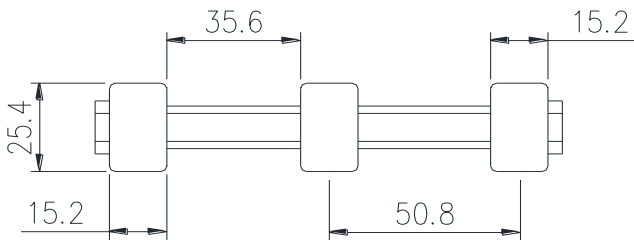
A= 1.016x10^4 mm^2/m		HD6000 25mm								LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)		STRONGWELL			
I = 5.461x10^5 mm^4/m		△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
S= 4.300x10^4 mm^3/m		WEIGHT PER SQm: 23.9 kg								△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD				safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	5	10	15	25	50	75	100	150	safety factor	deflection			
3.8	400	△ u	0.08	0.16	0.24	0.40	0.80	1.20	1.61	2.41	209	3.36			
		△ c	0.32	0.64	0.96	1.61	3.21				73	4.69			
4.01	600	△ u	0.39	0.77	1.16	1.93	3.85	5.78	7.71		142	10.94			
		△ c	1.03	2.05	3.08	5.14	10.27				43	8.84			
4.11	800	△ u	1.19	2.38	3.56	5.94	11.88				69	16.40			
		△ c	2.38	4.75	7.13	11.88				27	12.83				
4.14	1000	△ u	2.88	5.76	8.64	14.40				44	25.34				
		△ c	4.61	9.21	13.82				22	20.27					
4.16	1200	△ u	5.94	11.88						29	34.47				
		△ c	7.92	15.85						18	28.52				
4.18	1400	△ u	10.96						23	50.40					
		△ c	12.52						16	40.07					



Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-6000	25.4	26.25	38.1	22.9	60	23.93 Kg

$A = 1.02 \times 10^4 \text{ mm}^2/\text{Meter of Width}$ $S = 4.30 \times 10^4 \text{ mm}^3/\text{Meter of Width}$ $I = 5.46 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

A= 7.618x10^4 mm^2/m		HD7000 25mm										LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)		STRONGWELL							
I = 4.096x10^5 mm^4/m		△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																			
S= 3.225x10^4 mm^3/m		WEIGHT PER SQm: 17.9 kg										△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD									
E x 10^10 N/SQm		SPAN mm		LOAD 		5	10	15	25	50	75	100	150	safe load, 2 to 1							
						safety factor											deflection				
3.8	400	△ u		0.11	0.21	0.32	0.54	1.07	1.61	2.14	3.21			157	3.36						
		△ c		0.43	0.86	1.28	2.14	4.28			55	4.69									
4.01	600	△ u		0.51	1.03	1.54	2.57	5.14	7.71	10.27			107	10.94							
		△ c		1.37	2.74	4.11	6.85			32	8.84										
4.11	800	△ u		1.58	3.17	4.75	7.92	15.84			52	16.39									
		△ c		3.17	6.34	9.50			20	12.83											
4.14	1000	△ u		3.84	7.68	11.52	19.20			33	25.34										
		△ c		6.14	12.29	18.43			17	20.27											
4.16	1200	△ u		7.92	15.85			22	34.46												
		△ c		10.56	21.13			14	28.52												
4.18	1400	△ u		14.61			17	50.40													
		△ c		16.69			12	40.07													

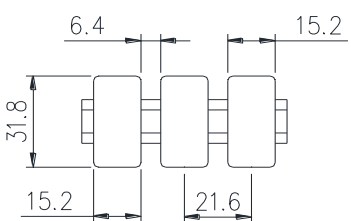


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Ft. Width	Center	Space	Area	Weight
HD-7000	25.4	19.69	50.8	35.6	70	17.9 Kg
						Per Sq. Meter

A = 7.62 x 10^4 mm^2/Meter of Width
I = 4.10 x 10^5 mm^4/Meter of Width

S = 3.23 x 10^4 mm^3/Meter of Width

A= 2.241x10^4 mm^2/m		HD3000 32mm												LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)		STRONGWELL	
I= 1.883x10^6 mm^4/m		△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
S= 1.186x10^5 mm^3/m		WEIGHT PER SQm: 46.4 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
3.53	400	△ u	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.08	0.10	679	3.41		
		△ c	0.06	0.07	0.08	0.09	0.10	0.12	0.16	0.20	0.24	0.30	0.40	252	5.06		
3.95	600	△ u	0.07	0.08	0.09	0.10	0.11	0.14	0.18	0.23	0.27	0.34	0.45	598	13.57		
		△ c	0.18	0.21	0.24	0.27	0.30	0.36	0.48	0.61	0.73	0.91	1.21	180	10.89		
4.08	800	△ u	0.21	0.24	0.28	0.31	0.35	0.42	0.56	0.69	0.83	1.04	1.39	344	23.89		
		△ c	0.42	0.49	0.56	0.62	0.69	0.83	1.11	1.39	1.67	2.08	2.78	138	19.11		
4.12	1000	△ u	0.50	0.59	0.67	0.76	0.84	1.01	1.34	1.68	2.01	2.52	3.36	221	37.03		
		△ c	0.81	0.94	1.07	1.21	1.34	1.61	2.15	2.69	3.22	4.03	5.37	101	27.02		
4.17	1200	△ u	1.03	1.20	1.38	1.55	1.72	2.06	2.75	3.44	4.13	5.16	6.88	150	51.59		
		△ c	1.38	1.60	1.83	2.06	2.29	2.75	3.67	4.59	5.50	6.88	9.17	90	41.27		
4.18	1400	△ u	1.91	2.22	2.54	2.86	3.18	3.81	5.08	6.36	7.63	9.53	12.71	111	70.67		
		△ c	2.18	2.54	2.91	3.27	3.63	4.36	5.81	7.26	8.72	10.90	14.53	78	56.40		
4.2	1600	△ u	3.24	3.78	4.32	4.86	5.40	6.47	8.63	10.79	12.95	16.19		85	91.41		
		△ c	3.24	3.78	4.32	4.86	5.40	6.47	8.63	10.79	12.95	16.19		69	74.27		
4.21	1800	△ u	5.17	6.04	6.90	7.76	8.62	10.35	13.80	17.25							
		△ c	4.60	5.37	6.13	6.90	7.66	9.20	12.26	15.33							
4.22	2000	△ u	7.87	9.18	10.49	11.80	13.11	15.73									
		△ c	6.29	7.34	8.39	9.44	10.49	12.59	16.78								

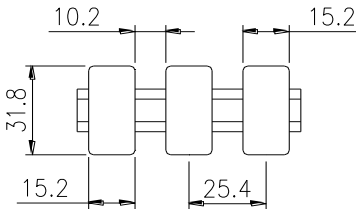


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
HD-3000	31.8	65.79	21.6	6.4	30	46.4 Kg
						Per
						Sq. Meter

A = 22.41 x 10^4 mm^2/Meter of Width
I = 18.83 x 10^5 mm^4/Meter of Width

S = 11.86 x 10^4 mm^3/Meter of Width

A= 1.904x10^4 mm^2/m		HD4000 32mm												STRONGWELL			
I = 1.600x10^6 mm^4/m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)															
S= 1.010x10^5 mm^3/m		△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
		WEIGHT PER SQm: 41.5 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
3.53	400	△ u	0.02	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.09	0.12	578	3.41		
		△ c	0.07	0.08	0.09	0.11	0.12	0.14	0.19	0.24	0.28	0.35	0.47	215	5.06		
3.95	600	△ u	0.08	0.09	0.11	0.12	0.13	0.16	0.21	0.27	0.32	0.40	0.53	509	13.58		
		△ c	0.21	0.25	0.28	0.32	0.36	0.43	0.57	0.71	0.85	1.07	1.42	153	10.89		
4.08	800	△ u	0.25	0.29	0.33	0.37	0.41	0.49	0.65	0.82	0.98	1.23	1.63	293	23.90		
		△ c	0.49	0.57	0.65	0.74	0.82	0.98	1.31	1.63	1.96	2.45	3.27	117	19.12		
4.12	1000	△ u	0.59	0.69	0.79	0.89	0.99	1.19	1.58	1.98	2.37	2.96	3.95	188	37.03		
		△ c	0.95	1.11	1.26	1.42	1.58	1.90	2.53	3.16	3.79	4.74	6.32	86	27.02		
4.17	1200	△ u	1.21	1.42	1.62	1.82	2.02	2.43	3.24	4.05	4.86	6.07	8.09	128	51.59		
		△ c	1.62	1.89	2.16	2.43	2.70	3.24	4.32	5.40	6.47	8.09	10.79	77	41.27		
4.18	1400	△ u	2.24	2.62	2.99	3.37	3.74	4.49	5.98	7.48	8.97	11.22	14.96	95	70.67		
		△ c	2.56	2.99	3.42	3.85	4.27	5.13	6.84	8.55	10.26	12.82		66	56.41		
4.2	1600	△ u	3.81	4.44	5.08	5.71	6.35	7.62	10.16	12.70	15.24			72	91.42		
		△ c	3.81	4.44	5.08	5.71	6.35	7.62	10.16	12.70	15.24			59	74.28		
4.21	1800	△ u	6.09	7.10	8.12	9.13	10.15	12.17	16.23								
		△ c	5.41	6.31	7.21	8.12	9.02	10.82	14.43								
4.22	2000	△ u	9.26	10.80	12.34	13.88	15.43										
		△ c	7.40	8.64	9.87	11.11	12.34	14.81									

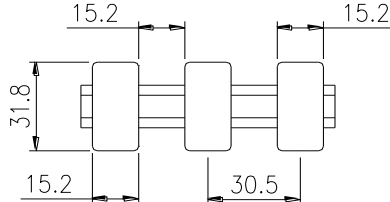


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
HD-4000	31.8	39.37	25.4	10.2	40	41.50 Kg
						Per Sq. Meter

A = 1.90 x 10^4 mm^2/Meter of Width
I = 1.60 x 10^6 mm^4/Meter of Width

S = 1.01 x 10^5 mm^3/Meter of Width

A= 1.587x10^4 mm^2/m		HD5000 32mm												STRONGWELL			
I= 1.334x10^6 mm^4/m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)															
S= 8.384x10^4 mm^3/m		△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
		WEIGHT PER SQm: 35.2 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
3.53	400	△ u	0.02	0.02	0.03	0.03	0.04	0.04	0.06	0.07	0.08	0.11	0.14	481	3.41		
		△ c	0.08	0.10	0.11	0.13	0.14	0.17	0.23	0.28	0.34	0.42	0.57	179	5.06		
3.95	600	△ u	0.10	0.11	0.13	0.14	0.16	0.19	0.26	0.32	0.38	0.48	0.64	424	13.57		
		△ c	0.26	0.30	0.34	0.38	0.43	0.51	0.68	0.85	1.02	1.28	1.71	128	10.89		
4.08	800	△ u	0.29	0.34	0.39	0.44	0.49	0.59	0.78	0.98	1.18	1.47	1.96	244	23.89		
		△ c	0.59	0.69	0.78	0.88	0.98	1.18	1.57	1.96	2.35	2.94	3.92	98	19.11		
4.12	1000	△ u	0.71	0.83	0.95	1.07	1.18	1.42	1.90	2.37	2.84	3.55	4.74	156	37.02		
		△ c	1.14	1.33	1.52	1.71	1.90	2.27	3.03	3.79	4.55	5.69	7.58	71	27.01		
4.17	1200	△ u	1.46	1.70	1.94	2.18	2.43	2.91	3.88	4.85	5.83	7.28	9.71	106	51.58		
		△ c	1.94	2.27	2.59	2.91	3.24	3.88	5.18	6.47	7.77	9.71	12.95	64	41.26		
4.18	1400	△ u	2.69	3.14	3.59	4.04	4.49	5.38	7.18	8.97	10.77	13.46		79	70.65		
		△ c	3.08	3.59	4.10	4.61	5.13	6.15	8.20	10.25	12.30	15.38		55	56.39		
4.2	1600	△ u	4.57	5.33	6.09	6.85	7.62	9.14	12.19	15.23				60	91.40		
		△ c	4.57	5.33	6.09	6.85	7.62	9.14	12.19	15.23				49	74.26		
4.21	1800	△ u	7.30	8.52	9.74	10.95	12.17	14.61									
		△ c	6.49	7.57	8.65	9.74	10.82	12.98									
4.22	2000	△ u	11.10	12.95	14.81	16.66											
		△ c	8.88	10.36	11.84	13.32	14.81										



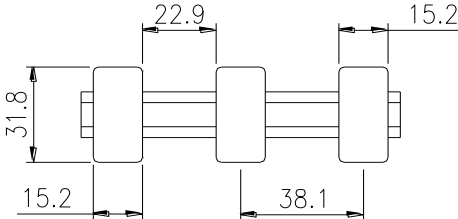
	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
HD-5000	31.8	32.79	30.5	15.2	50	35.16 Kg
						Per
						Sq. Meter

A = 1.59 x 10^4 mm^2/Meter of Width

I = 1.33 x 10^6 mm^4/Meter of Width

S = 8.38 x 10^4 mm^3/Meter of Width

A= 1.270x10^4 mm^2/m		HD6000 32mm											LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)											STRONGWELL	
I = 1.066x10^6 mm^4/m													△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD												
S= 6.664x10^4 mm^3/m		WEIGHT PER SQm: 28.8 kg											△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD											safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	5	10	15	25	50	100	150	200	250	300	safety factor	deflection											
3.53	400	△ u	0.04	0.09	0.13	0.22	0.44	0.89	1.33	1.77	2.21	2.66	385	3.41											
		△ c	0.18	0.35	0.53	0.89	1.77	3.54	5.31	7.08	8.86	10.63	143	5.07											
3.95	600	△ u	0.20	0.40	0.60	1.00	2.00	4.01	6.01	8.01	10.02	12.02	339	13.58											
		△ c	0.53	1.07	1.60	2.67	5.34	10.68	16.03				102	10.90											
4.08	800	△ u	0.61	1.23	1.84	3.06	6.13	12.26					195	23.91											
		△ c	1.23	2.45	3.68	6.13	12.26					78	19.12												
4.12	1000	△ u	1.48	2.96	4.45	7.41	14.82					125	37.05												
		△ c	2.37	4.74	7.11	11.86					57	27.03													
4.17	1200	△ u	3.04	6.07	9.11	15.18					85	51.61													
		△ c	4.05	8.10	12.14					51	41.29														
4.18	1400	△ u	5.61	11.22	16.83					63	70.70														
		△ c	6.41	12.83					44	56.43															
4.2	1600	△ u	9.53									48	91.46												
		△ c	9.53									39	74.31												



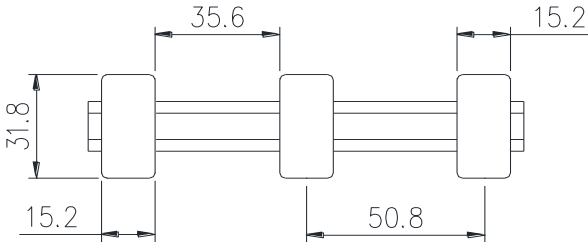
	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
HD-6000	31.8	26.25	38.1	22.9	60	28.81 Kg
						Per Sq. Meter

A = 1.27 x 10^4 mm^2/Meter of Width

I = 1.07 x 10^6 mm^4/Meter of Width

S = 6.66 x 10^4 mm^3/Meter of Width

A=	9.522x10 ³ mm ² /m	HD7000 32mm										STRONGWELL		
I =	7.999x10 ⁵ mm ⁴ /m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)												
S=	5.039x10 ⁴ mm ³ /m	△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD												
E x 10 ¹⁰ N/SQm	SPAN mm	WEIGHT PER SQm: 21.6 kg	△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD										safe load, 2 to 1	
		LOAD 	5	10	15	25	50	100	150	200	250	safety factor	deflection	
3.53	400	△ u	0.06	0.12	0.18	0.30	0.59	1.18	1.77	2.36	2.95	289	3.41	
		△ c	0.24	0.47	0.71	1.18	2.36	4.72				107	5.06	
3.95	600	△ u	0.27	0.53	0.80	1.34	2.67	5.34	8.01	10.68	13.35	254	13.58	
		△ c	0.71	1.42	2.14	3.56	7.12					77	10.90	
4.08	800	△ u	0.82	1.63	2.45	4.09	8.17	16.34				146	23.90	
		△ c	1.63	3.27	4.90	8.17	16.34				59	19.12		
4.12	1000	△ u	1.98	3.95	5.93	9.88	19.75				94	37.04		
		△ c	3.16	6.32	9.48	15.80				43	27.02			
4.17	1200	△ u	4.05	8.09	12.14	20.24				64	51.60			
		△ c	5.40	10.79	16.19				38	41.28				
4.18	1400	△ u	7.48	14.96	22.44				47	70.69				
		△ c	8.55	17.10				33	56.42					
4.2	1600	△ u	12.70							36	91.44			
		△ c	12.70							29	74.30			

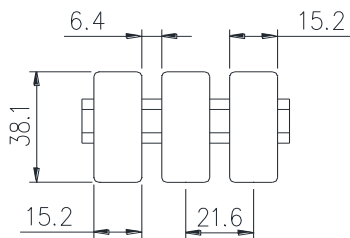


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Ft. Width	Center	Space	Area	Weight
HD-7000	31.8	19.69	50.8	35.6	70	21.6 Kg
						Per
						Sq. Meter

A = 9.52 x 10⁴ mm²/Meter of Width
I = 8.00 x 10⁵ mm⁴/Meter of Width

S = 5.04 x 10⁴ mm³/Meter of Width

A=	2.689x10 ⁴ mm^2/m	HD3000 38mm												STRONGWELL				
I =	3.252x10 ⁶ mm^4/m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)																
S=	1.707x10 ⁵ mm^3/m	△u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																
		WEIGHT PER SQm: 55.2 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1		
E x 10 ¹⁰ N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection			
2.99	400	△ u	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.04	0.05	0.07	934	3.20			
		△ c	0.04	0.05	0.05	0.06	0.07	0.08	0.11	0.14	0.16	0.21	0.27	372	5.11			
3.58	600	△ u	0.04	0.05	0.06	0.07	0.07	0.09	0.12	0.14	0.17	0.22	0.29	808	11.72			
		△ c	0.12	0.14	0.15	0.17	0.19	0.23	0.31	0.39	0.46	0.58	0.77	247	9.55			
3.75	800	△ u	0.13	0.15	0.17	0.20	0.22	0.26	0.35	0.44	0.52	0.66	0.87	508	22.23			
		△ c	0.26	0.31	0.35	0.39	0.44	0.52	0.70	0.87	1.05	1.31	1.75	203	17.75			
3.77	1000	△ u	0.32	0.37	0.42	0.48	0.53	0.64	0.85	1.06	1.27	1.59	2.12	325	34.49			
		△ c	0.51	0.59	0.68	0.76	0.85	1.02	1.36	1.70	2.04	2.55	3.40	161	27.29			
3.82	1200	△ u	0.65	0.76	0.87	0.98	1.09	1.30	1.74	2.17	2.61	3.26	4.35	219	47.56			
		△ c	0.87	1.01	1.16	1.30	1.45	1.74	2.32	2.90	3.48	4.35	5.80	132	38.35			
3.89	1400	△ u	1.19	1.38	1.58	1.78	1.98	2.37	3.16	3.95	4.74	5.93	7.91	166	65.59			
		△ c	1.36	1.58	1.81	2.03	2.26	2.71	3.62	4.52	5.42	6.78	9.04	115	51.84			
3.9	1600	△ u	2.02	2.35	2.69	3.03	3.36	4.04	5.38	6.73	8.07	10.09	13.46	127	85.49			
		△ c	2.02	2.35	2.69	3.03	3.36	4.04	5.38	6.73	8.07	10.09	13.46	101	67.68			
3.92	1800	△ u	3.22	3.75	4.29	4.83	5.36	6.43	8.58	10.72	12.87	16.08		101	107.85			
		△ c	2.86	3.34	3.81	4.29	4.77	5.72	7.62	9.53	11.44	14.30		92	87.46			
3.93	2000	△ u	4.89	5.71	6.52	7.34	8.15	9.78	13.04	16.30	19.56							
		△ c	3.91	4.56	5.22	5.87	6.52	7.82	10.43	13.04	15.65							

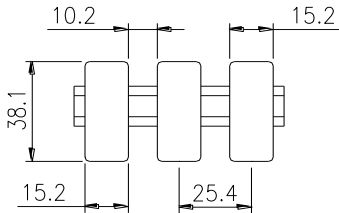


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
HD-3000	38.1	65.79	21.6	6.4	30	55.2 Kg
						Per
						Sq. Meter

A = 26.89 x 10⁴ mm²/Meter of Width
I = 32.52 x 10⁵ mm⁴/Meter of Width

S = 17.07 x 10⁴ mm³/Meter of Width

A=	2.285x10^4 mm^2/m	HD4000 38mm												STRONGWELL		
I =	2.758x10^6 mm^4/m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)														
S=	1.451x10^5 mm^3/m	△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD														
		WEIGHT PER SQm: 49.3 kg												safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection	
2.99	400	△ u	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.04	0.05	0.06	0.08	794	3.21	
		△ c	0.05	0.06	0.06	0.07	0.08	0.10	0.13	0.16	0.19	0.24	0.32	317	5.12	
3.58	600	△ u	0.05	0.06	0.07	0.08	0.09	0.10	0.14	0.17	0.21	0.26	0.34	687	11.74	
		△ c	0.14	0.16	0.18	0.21	0.23	0.27	0.36	0.46	0.55	0.68	0.91	210	9.57	
3.75	800	△ u	0.15	0.18	0.21	0.23	0.26	0.31	0.41	0.52	0.62	0.77	1.03	432	22.28	
		△ c	0.31	0.36	0.41	0.46	0.52	0.62	0.83	1.03	1.24	1.55	2.06	173	17.79	
3.77	1000	△ u	0.38	0.44	0.50	0.56	0.63	0.75	1.00	1.25	1.50	1.88	2.50	276	34.57	
		△ c	0.60	0.70	0.80	0.90	1.00	1.20	1.60	2.00	2.40	3.01	4.01	137	27.35	
3.82	1200	△ u	0.77	0.90	1.03	1.15	1.28	1.54	2.05	2.56	3.08	3.84	5.13	186	47.67	
		△ c	1.03	1.20	1.37	1.54	1.71	2.05	2.73	3.42	4.10	5.13	6.83	113	38.44	
3.89	1400	△ u	1.40	1.63	1.87	2.10	2.33	2.80	3.73	4.66	5.60	6.99	9.33	141	65.74	
		△ c	1.60	1.87	2.13	2.40	2.66	3.20	4.26	5.33	6.39	7.99	10.66	98	51.96	
3.9	1600	△ u	2.38	2.78	3.17	3.57	3.97	4.76	6.35	7.93	9.52	11.90	15.87	108	85.69	
		△ c	2.38	2.78	3.17	3.57	3.97	4.76	6.35	7.93	9.52	11.90	15.87	86	67.84	
3.92	1800	△ u	3.79	4.43	5.06	5.69	6.32	7.59	10.12	12.64	15.17			86	108.11	
		△ c	3.37	3.93	4.50	5.06	5.62	6.74	8.99	11.24	13.49	16.86		78	87.66	
3.93	2000	△ u	5.77	6.73	7.69	8.65	9.61	11.53	15.38	19.22				0	0.00	
		△ c	4.61	5.38	6.15	6.92	7.69	9.23	12.30	15.38				0	0.00	

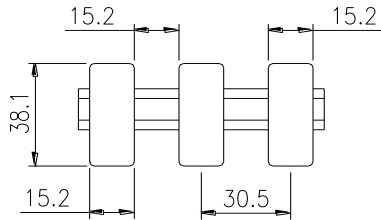


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
HD-4000	38.1	39.37	25.4	10.2	40	49.32 Kg
						Per
						Sq. Meter

A = 2.28 x 10⁴ mm²/Meter of Width
I = 2.76 x 10⁶ mm⁴/Meter of Width

S = 1.45 x 10⁵ mm³/Meter of Width

A=	1.904x10^4 mm^2/m	HD5000 38mm												LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)			STRONGWELL		
I=	2.307x10^6 mm^4/m	ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																	
S=	1.209x10^5 mm^3/m	WEIGHT PER SQm: 41.5 kg												Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD			safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection				
2.99	400	Δ u	0.01	0.02	0.02	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.10	661	3.19				
		Δ c	0.06	0.07	0.08	0.09	0.10	0.12	0.15	0.19	0.23	0.29	0.39	264	5.10				
3.58	600	Δ u	0.06	0.07	0.08	0.09	0.10	0.12	0.16	0.20	0.25	0.31	0.41	573	11.70				
		Δ c	0.16	0.19	0.22	0.25	0.27	0.33	0.44	0.54	0.65	0.82	1.09	175	9.53				
3.75	800	Δ u	0.18	0.22	0.25	0.28	0.31	0.37	0.49	0.62	0.74	0.92	1.23	360	22.19				
		Δ c	0.37	0.43	0.49	0.55	0.62	0.74	0.99	1.23	1.48	1.85	2.47	144	17.72				
3.77	1000	Δ u	0.45	0.52	0.60	0.67	0.75	0.90	1.20	1.50	1.80	2.25	2.99	230	34.43				
		Δ c	0.72	0.84	0.96	1.08	1.20	1.44	1.92	2.40	2.87	3.59	4.79	114	27.24				
3.82	1200	Δ u	0.92	1.07	1.23	1.38	1.53	1.84	2.45	3.06	3.68	4.60	6.13	155	47.48				
		Δ c	1.23	1.43	1.63	1.84	2.04	2.45	3.27	4.08	4.90	6.13	8.17	94	38.29				
3.89	1400	Δ u	1.67	1.95	2.23	2.51	2.79	3.34	4.46	5.57	6.69	8.36	11.15	118	65.48				
		Δ c	1.91	2.23	2.55	2.87	3.18	3.82	5.10	6.37	7.64	9.55	12.74	81	51.75				
3.9	1600	Δ u	2.84	3.32	3.79	4.27	4.74	5.69	7.59	9.48	11.38	14.22		90	85.35				
		Δ c	2.84	3.32	3.79	4.27	4.74	5.69	7.59	9.48	11.38	14.22		71	67.57				
3.92	1800	Δ u	4.53	5.29	6.05	6.80	7.56	9.07	12.09	15.11				71	107.68				
		Δ c	4.03	4.70	5.37	6.05	6.72	8.06	10.75	13.43				65	87.32				
3.93	2000	Δ u	6.89	8.04	9.19	10.34	11.49	13.79											
		Δ c	5.51	6.43	7.35	8.27	9.19	11.03											



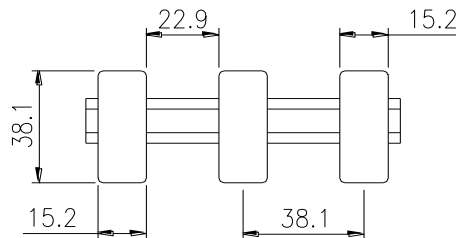
Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-5000	38.1	32.79	30.5	15.2	50	41.50 Kg

$$A = 1.90 \times 10^4 \text{ mm}^2/\text{Meter of Width}$$

$$I = 2.31 \times 10^6 \text{ mm}^4/\text{Meter of Width}$$

$$S = 1.21 \times 10^5 \text{ mm}^3/\text{Meter of Width}$$

A= 1.524x10^4 mm^2/m		HD6000 38mm										LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)										STRONGWELL	
I = 1.843x10^6 mm^4/m		Δu IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																					
S= 9.674x10^4 mm^3/m		WEIGHT PER SQm: 34.2 kg										Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD										safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	5	10	15	25	50	100	150	200	250	300	safety factor	deflection									
2.99	400	Δ u	0.03	0.06	0.09	0.15	0.30	0.60	0.91	1.21	1.51	1.81	529	3.20									
		Δ c	0.12	0.24	0.36	0.60	1.21	2.42	3.63	4.84			211	5.11									
3.58	600	Δ u	0.13	0.26	0.38	0.64	1.28	2.56	3.84	5.11	6.39	7.67	458	11.71									
		Δ c	0.34	0.68	1.02	1.70	3.41	6.82					140	9.55									
3.75	800	Δ u	0.39	0.77	1.16	1.93	3.86	7.72	11.57	15.43			288	22.22									
		Δ c	0.77	1.54	2.31	3.86	7.72	15.43					115	17.75									
3.77	1000	Δ u	0.94	1.87	2.81	4.68	9.37						184	34.48									
		Δ c	1.50	3.00	4.50	7.50	14.99						91	27.28									
3.82	1200	Δ u	1.92	3.83	5.75	9.59						124	47.55										
		Δ c	2.56	5.11	7.67	12.78						75	38.35										
3.89	1400	Δ u	3.49	6.98	10.47						94	65.58											
		Δ c	3.99	7.97	11.96						65	51.83											
3.9	1600	Δ u	5.94	11.87						72	85.47												
		Δ c	5.94	11.87						57	67.67												
3.92	1800	Δ u	9.46						57	107.84													
		Δ c	8.41						52	87.45													

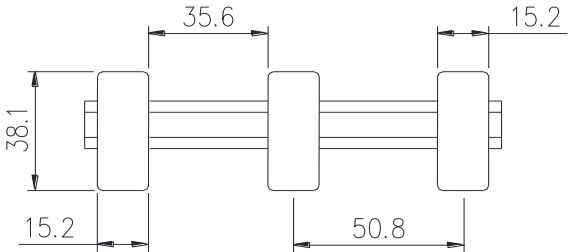


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
HD-6000	38.1	26.25	38.1	22.9	60	34.18 Kg
						Per Sq. Meter

A = 1.52 x 10^4 mm^2/Meter of Width
I = 1.84 x 10^6 mm^4/Meter of Width

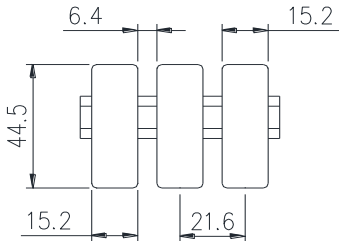
S = 9.67 x 10^4 mm^3/Meter of Width

A=	1.143x10^4 mm^2/m	HD7000 38mm											LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)			STRONGWELL	
I =	1.382x10^6 mm^4/m	Δu IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
S=	7.256x10^4 mm^3/m	WEIGHT PER SQm: 25.6 kg											Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	5	10	15	25	50	100	150	200	250	300	safety factor	deflection			
2.99	400	Δ u	0.04	0.08	0.12	0.20	0.40	0.81	1.21	1.61	2.02	2.42	397	3.20			
		Δ c	0.16	0.32	0.48	0.81	1.61	3.23	4.84				158	5.11			
3.58	600	Δ u	0.17	0.34	0.51	0.85	1.71	3.41	5.12	6.82	8.53	10.23	344	11.71			
		Δ c	0.45	0.91	1.36	2.27	4.55	9.09					105	9.55			
3.75	800	Δ u	0.51	1.03	1.54	2.57	5.14	10.29	15.43				216	22.22			
		Δ c	1.03	2.06	3.09	5.14	10.29						86	17.75			
3.77	1000	Δ u	1.25	2.50	3.75	6.25	12.49						138	34.48			
		Δ c	2.00	4.00	6.00	9.99	19.99						68	27.28			
3.82	1200	Δ u	2.56	5.11	7.67	12.78						93	47.55				
		Δ c	3.41	6.82	10.23	17.04						56	38.35				
3.89	1400	Δ u	4.65	9.30	13.95						71	65.58					
		Δ c	5.32	10.63	15.95						49	51.83					
3.9	1600	Δ u	7.91	15.83						54	85.48						
		Δ c	7.91	15.83						43	67.67						
3.92	1800	Δ u	12.61						43	107.84							
		Δ c	11.21						39	87.45							



Series	Bearing Bar Thickness	No bars Ft. Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-7000	38.1	19.69	50.8	35.6	70	25.6 Kg
						Per Sq. Meter
A = 11.43 x 10 ⁴ mm ² /Meter of Width						
I = 13.82 x 10 ⁵ mm ⁴ /Meter of Width						
S = 7.26 x 10 ⁴ mm ³ /Meter of Width						

A= 3.137x10^4 mm^2/m		HD3000 44mm											STRONGWELL		
I = 5.166x10^6 mm^4/m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)											△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD		
S= 2.324x10^5 mm^3/m		WEIGHT PER SQm: 63.5 kg											△c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1	
														safety factor	deflection
2.72	400	△ u	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.04	0.05	1482	3.52
		△ c	0.03	0.03	0.04	0.04	0.05	0.06	0.08	0.09	0.11	0.14	0.19	461	4.37
3.54	600	△ u	0.03	0.03	0.04	0.04	0.05	0.06	0.07	0.09	0.11	0.14	0.18	1055	9.74
		△ c	0.07	0.09	0.10	0.11	0.12	0.15	0.20	0.25	0.30	0.37	0.49	321	7.90
3.82	800	△ u	0.08	0.09	0.11	0.12	0.14	0.16	0.22	0.27	0.32	0.41	0.54	701	18.93
		△ c	0.16	0.19	0.22	0.24	0.27	0.32	0.43	0.54	0.65	0.81	1.08	279	15.07
3.92	1000	△ u	0.19	0.23	0.26	0.29	0.32	0.39	0.51	0.64	0.77	0.96	1.29	448	28.82
		△ c	0.31	0.36	0.41	0.46	0.51	0.62	0.82	1.03	1.23	1.54	2.06	224	23.06
4	1200	△ u	0.39	0.46	0.52	0.59	0.65	0.78	1.05	1.31	1.57	1.96	2.61	302	39.43
		△ c	0.52	0.61	0.70	0.78	0.87	1.05	1.39	1.74	2.09	2.61	3.48	184	31.97
4.03	1400	△ u	0.72	0.84	0.96	1.08	1.20	1.44	1.92	2.40	2.88	3.60	4.81	229	55.12
		△ c	0.82	0.96	1.10	1.24	1.37	1.65	2.20	2.75	3.30	4.12	5.49	159	43.61
4.04	1600	△ u	1.23	1.43	1.64	1.84	2.04	2.45	3.27	4.09	4.91	6.13	8.18	175	71.43
		△ c	1.23	1.43	1.64	1.84	2.04	2.45	3.27	4.09	4.91	6.13	8.18	139	57.00
4.06	1800	△ u	1.96	2.28	2.61	2.93	3.26	3.91	5.21	6.52	7.82	9.78	13.03	138	89.70
		△ c	1.74	2.03	2.32	2.61	2.90	3.48	4.63	5.79	6.95	8.69	11.59	124	71.56
4.13	2000	△ u	2.93	3.42	3.91	4.39	4.88	5.86	7.81	9.76	11.72	14.65	19.53	113	110.28
		△ c	2.34	2.73	3.12	3.52	3.91	4.69	6.25	7.81	9.37	11.72	15.62	111	86.85

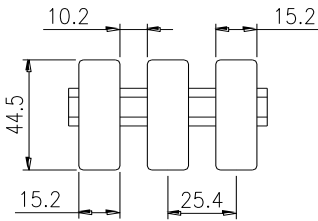


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
HD-3000	44.5	65.79	21.6	6.4	30	63.5 Kg
						Per
						Sq. Meter

$A = 31.37 \times 10^4 \text{ mm}^2/\text{Meter of Width}$
 $I = 51.66 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S = 23.24 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 2.666x10 ⁴ mm ² /m		HD4000 44mm											STRONGWELL		
I = 4.396x10 ⁶ mm ⁴ /m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)											△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD		
S= 1.978x10 ⁵ mm ³ /m		WEIGHT PER SQm: 56.6 kg											△c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		
E x 10 ¹⁰ N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1 safety factor	deflection
2.72	400	△ u	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.06	1260	3.51
		△ c	0.03	0.04	0.04	0.05	0.06	0.07	0.09	0.11	0.13	0.17	0.22	392	4.37
3.54	600	△ u	0.03	0.04	0.04	0.05	0.05	0.07	0.09	0.11	0.13	0.16	0.22	897	9.73
		△ c	0.09	0.10	0.12	0.13	0.14	0.17	0.23	0.29	0.35	0.43	0.58	273	7.89
3.82	800	△ u	0.10	0.11	0.13	0.14	0.16	0.19	0.25	0.32	0.38	0.48	0.64	596	18.91
		△ c	0.19	0.22	0.25	0.29	0.32	0.38	0.51	0.64	0.76	0.95	1.27	237	15.05
3.92	1000	△ u	0.23	0.26	0.30	0.34	0.38	0.45	0.60	0.76	0.91	1.13	1.51	381	28.79
		△ c	0.36	0.42	0.48	0.54	0.60	0.73	0.97	1.21	1.45	1.81	2.42	191	23.03
4	1200	△ u	0.46	0.54	0.61	0.69	0.77	0.92	1.23	1.54	1.84	2.30	3.07	257	39.38
		△ c	0.61	0.72	0.82	0.92	1.02	1.23	1.64	2.05	2.46	3.07	4.09	156	31.94
4.03	1400	△ u	0.85	0.99	1.13	1.27	1.41	1.69	2.26	2.82	3.39	4.24	5.65	195	55.06
		△ c	0.97	1.13	1.29	1.45	1.61	1.94	2.58	3.23	3.87	4.84	6.45	135	43.56
4.04	1600	△ u	1.44	1.68	1.92	2.16	2.40	2.88	3.84	4.80	5.77	7.21	9.61	149	71.35
		△ c	1.44	1.68	1.92	2.16	2.40	2.88	3.84	4.80	5.77	7.21	9.61	119	56.94
4.06	1800	△ u	2.30	2.68	3.06	3.45	3.83	4.60	6.13	7.66	9.19	11.49	15.32	117	89.60
		△ c	2.04	2.38	2.72	3.06	3.40	4.08	5.45	6.81	8.17	10.21	13.61	105	71.48
4.13	2000	△ u	3.44	4.02	4.59	5.16	5.74	6.88	9.18	11.47	13.77			96	110.16
		△ c	2.75	3.21	3.67	4.13	4.59	5.51	7.34	9.18	11.02	13.77		95	86.75

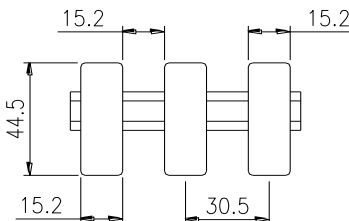


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-4000	44.5	39.37	25.4	10.2	40	56.64 Kg

A = 2.67 x 10⁴ mm²/Meter of Width
I = 4.40 x 10⁶ mm⁴/Meter of Width

S = 1.98 x 10⁵ mm³/Meter of Width

A=	2.222x10^4 mm^2/m	HD5000 44mm												STRONGWELL			
I=	3.659x10^6 mm^4/m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)															
S=	1.645x10^5 mm^3/m	△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
		WEIGHT PER SQm: 47.8 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
2.72	400	△ u	0.01	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.04	0.05	0.07	1050	3.52		
		△ c	0.04	0.05	0.05	0.06	0.07	0.08	0.11	0.13	0.16	0.20	0.27	326	4.37		
3.54	600	△ u	0.04	0.05	0.05	0.06	0.07	0.08	0.10	0.13	0.16	0.20	0.26	748	9.74		
		△ c	0.10	0.12	0.14	0.16	0.17	0.21	0.28	0.35	0.42	0.52	0.69	228	7.90		
3.82	800	△ u	0.11	0.13	0.15	0.17	0.19	0.23	0.31	0.38	0.46	0.57	0.76	496	18.94		
		△ c	0.23	0.27	0.31	0.34	0.38	0.46	0.61	0.76	0.92	1.14	1.53	198	15.07		
3.92	1000	△ u	0.27	0.32	0.36	0.41	0.45	0.54	0.73	0.91	1.09	1.36	1.82	318	28.82		
		△ c	0.44	0.51	0.58	0.65	0.73	0.87	1.16	1.45	1.74	2.18	2.91	159	23.06		
4	1200	△ u	0.55	0.65	0.74	0.83	0.92	1.11	1.48	1.84	2.21	2.77	3.69	214	39.43		
		△ c	0.74	0.86	0.98	1.11	1.23	1.48	1.97	2.46	2.95	3.69	4.92	130	31.98		
4.03	1400	△ u	1.02	1.19	1.36	1.53	1.70	2.04	2.71	3.39	4.07	5.09	6.78	163	55.13		
		△ c	1.16	1.36	1.55	1.74	1.94	2.33	3.10	3.88	4.65	5.82	7.75	113	43.62		
4.04	1600	△ u	1.73	2.02	2.31	2.60	2.89	3.46	4.62	5.77	6.93	8.66	11.55	124	71.44		
		△ c	1.73	2.02	2.31	2.60	2.89	3.46	4.62	5.77	6.93	8.66	11.55	99	57.01		
4.06	1800	△ u	2.76	3.22	3.68	4.14	4.60	5.52	7.36	9.20	11.04	13.80		98	89.72		
		△ c	2.45	2.86	3.27	3.68	4.09	4.91	6.54	8.18	9.82	12.27	16.36	88	71.57		
4.13	2000	△ u	4.14	4.83	5.51	6.20	6.89	8.27	11.03	13.79	16.54			80	110.30		
		△ c	3.31	3.86	4.41	4.96	5.51	6.62	8.82	11.03	13.24	16.54		79	86.86		



Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-5000	44.5	32.79	30.5	15.2	50	47.85 Kg

A = 2.22 x 10⁴ mm²/Meter of Width
I = 3.66 x 10⁶ mm⁴/Meter of Width

S = 1.64 x 10⁵ mm³/Meter of Width

The figure shows a technical drawing of a bearing bar assembly on the left and a table of properties on the right.

Technical Drawing: A side view of a bearing bar assembly. It consists of three main rectangular sections connected by two thinner sections. The overall width is 44.5. The distance between the centers of the first and second main sections is 22.9. The distance between the centers of the second and third main sections is 38.1. The distance from the left edge to the center of the first main section is 15.2. The distance from the right edge to the center of the third main section is 15.2.

Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-6000	44.5	26.25	38.1	22.9	60	39.07 Kg

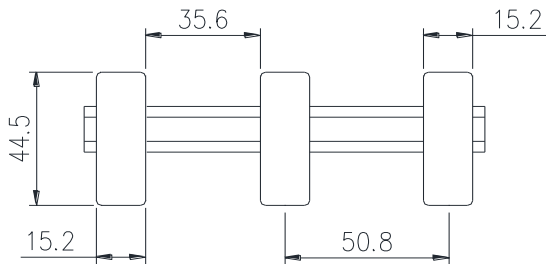
Formulas:

$$A = 1.77 \times 10^4 \text{ mm}^2/\text{Meter of Width}$$

$$I = 2.92 \times 10^6 \text{ mm}^4/\text{Meter of Width}$$

$$S = 1.32 \times 10^5 \text{ mm}^3/\text{Meter of Width}$$

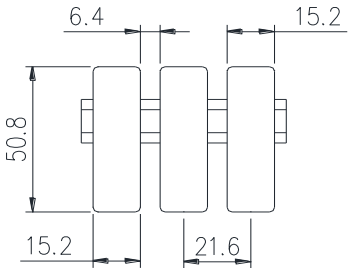
A=	1.333x10^4 mm^2/m	HD7000 44mm											LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)			STRONGWELL	
I=	2.195x10^6 mm^4/m	Δu IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
S=	0.988x10^5 mm^3/m	WEIGHT PER SQm: 29.3 kg											Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD			safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	5	10	15	25	50	100	150	200	250	300	safety factor	deflection			
2.72	400	Δ u	0.03	0.06	0.08	0.14	0.28	0.56	0.84	1.12	1.40	1.67	630	3.52			
		Δ c	0.11	0.22	0.33	0.56	1.12	2.23	3.35				196	4.37			
3.54	600	Δ u	0.11	0.22	0.33	0.54	1.09	2.17	3.26	4.34	5.43	6.52	449	9.74			
		Δ c	0.29	0.58	0.87	1.45	2.90	5.79					137	7.91			
3.82	800	Δ u	0.32	0.64	0.95	1.59	3.18	6.36	9.54	12.72	15.90	19.08	298	18.94			
		Δ c	0.64	1.27	1.91	3.18	6.36	12.72					119	15.07			
3.92	1000	Δ u	0.76	1.51	2.27	3.78	7.57	15.13					191	28.83			
		Δ c	1.21	2.42	3.63	6.05	12.11						95	23.06			
4	1200	Δ u	1.54	3.08	4.61	7.69	15.38					128	39.44				
		Δ c	2.05	4.10	6.15	10.25						78	31.98				
4.03	1400	Δ u	2.83	5.65	8.48	14.14					98	55.13					
		Δ c	3.23	6.46	9.69	16.16					68	43.62					
4.04	1600	Δ u	4.81	9.62	14.43					74	71.45						
		Δ c	4.81	9.62	14.43					59	57.02						
4.06	1800	Δ u	7.67	15.34					59	89.73							
		Δ c	6.82	13.63					53	71.58							
4.13	2000	Δ u	11.49					48	110.31								
		Δ c	9.19					47	86.87								



Series	Bearing Bar Thickness	No bars Ft. Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-7000	44.5	19.69	50.8	35.6	70	29.3 Kg

$A = 13.33 \times 10^4 \text{ mm}^2/\text{Meter of Width}$
 $I = 21.95 \times 10^5 \text{ mm}^4/\text{Meter of Width}$
 $S = 9.88 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 3.585x10^4 mm^2/m		HD3000 51mm												STRONGWELL	
I = 7.711x10^6 mm^4/m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)													
S= 3.036x10^5 mm^3/m		△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
		WEIGHT PER SQm: 78.6 kg												safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
3.18	600	△ u	0.02	0.02	0.03	0.03	0.03	0.04	0.06	0.07	0.08	0.10	0.14	1308	9.00
		△ c	0.06	0.06	0.07	0.08	0.09	0.11	0.15	0.18	0.22	0.28	0.37	399	7.32
3.55	800	△ u	0.06	0.07	0.08	0.09	0.10	0.12	0.16	0.19	0.23	0.29	0.39	768	14.96
		△ c	0.12	0.14	0.16	0.18	0.19	0.23	0.31	0.39	0.47	0.58	0.78	307	11.97
3.71	1000	△ u	0.14	0.16	0.18	0.20	0.23	0.27	0.36	0.46	0.55	0.68	0.91	489	22.25
		△ c	0.22	0.25	0.29	0.33	0.36	0.44	0.58	0.73	0.87	1.09	1.46	244	17.74
3.78	1200	△ u	0.28	0.32	0.37	0.42	0.46	0.56	0.74	0.93	1.11	1.39	1.85	328	30.41
		△ c	0.37	0.43	0.49	0.56	0.62	0.74	0.99	1.24	1.48	1.85	2.47	199	24.63
3.83	1400	△ u	0.51	0.59	0.68	0.76	0.85	1.02	1.35	1.69	2.03	2.54	3.39	251	42.44
		△ c	0.58	0.68	0.77	0.87	0.97	1.16	1.55	1.94	2.32	2.90	3.87	175	33.82
3.87	1600	△ u	0.86	1.00	1.14	1.29	1.43	1.72	2.29	2.86	3.43	4.29	5.72	192	55.01
		△ c	0.86	1.00	1.14	1.29	1.43	1.72	2.29	2.86	3.43	4.29	5.72	154	43.90
3.9	1800	△ u	1.36	1.59	1.82	2.05	2.27	2.73	3.64	4.55	5.45	6.82	9.09	152	68.98
		△ c	1.21	1.41	1.62	1.82	2.02	2.42	3.23	4.04	4.85	6.06	8.08	136	54.90
3.91	2000	△ u	2.07	2.42	2.76	3.11	3.45	4.15	5.53	6.91	8.29	10.36	13.82	125	86.58
		△ c	1.66	1.93	2.21	2.49	2.76	3.32	4.42	5.53	6.63	8.29	11.06	124	68.29

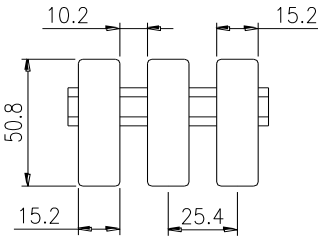


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
HD-3000	50.8	65.79	21.6	6.4	30	78.6 Kg
						Per
						Sq. Meter

A = 35.85 x 10⁴ mm²/Meter of Width
I = 77.11 x 10⁵ mm⁴/Meter of Width

S = 30.36 x 10⁴ mm³/Meter of Width

A= 3.047x10^4 mm^2/m		HD4000 51mm												STRONGWELL	
I = 6.553x10^6 mm^4/m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)													
S= 2.580x10^5 mm^3/m		△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
		WEIGHT PER SQm: 70.3 kg												safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
3.18	600	△ u	0.02	0.03	0.03	0.04	0.04	0.05	0.06	0.08	0.10	0.12	0.16	1112	9.00
		△ c	0.06	0.08	0.09	0.10	0.11	0.13	0.17	0.22	0.26	0.32	0.43	339	7.32
3.55	800	△ u	0.07	0.08	0.09	0.10	0.11	0.14	0.18	0.23	0.28	0.34	0.46	653	14.96
		△ c	0.14	0.16	0.18	0.21	0.23	0.28	0.37	0.46	0.55	0.69	0.92	261	11.97
3.71	1000	△ u	0.16	0.19	0.21	0.24	0.27	0.32	0.43	0.54	0.64	0.80	1.07	416	22.25
		△ c	0.26	0.30	0.34	0.39	0.43	0.51	0.69	0.86	1.03	1.29	1.71	207	17.74
3.78	1200	△ u	0.33	0.38	0.44	0.49	0.54	0.65	0.87	1.09	1.31	1.63	2.18	279	30.41
		△ c	0.44	0.51	0.58	0.65	0.73	0.87	1.16	1.45	1.74	2.18	2.91	170	24.63
3.83	1400	△ u	0.60	0.70	0.80	0.90	1.00	1.20	1.59	1.99	2.39	2.99	3.99	213	42.45
		△ c	0.68	0.80	0.91	1.02	1.14	1.37	1.82	2.28	2.73	3.42	4.56	149	33.82
3.87	1600	△ u	1.01	1.18	1.35	1.51	1.68	2.02	2.69	3.36	4.04	5.05	6.73	164	55.01
		△ c	1.01	1.18	1.35	1.51	1.68	2.02	2.69	3.36	4.04	5.05	6.73	131	43.91
3.9	1800	△ u	1.60	1.87	2.14	2.41	2.67	3.21	4.28	5.35	6.42	8.02	10.70	129	68.99
		△ c	1.43	1.66	1.90	2.14	2.38	2.85	3.80	4.75	5.70	7.13	9.51	116	54.91
3.91	2000	△ u	2.44	2.85	3.25	3.66	4.07	4.88	6.50	8.13	9.76	12.20	16.26	107	86.59
		△ c	1.95	2.28	2.60	2.93	3.25	3.90	5.20	6.50	7.81	9.76	13.01	105	68.30

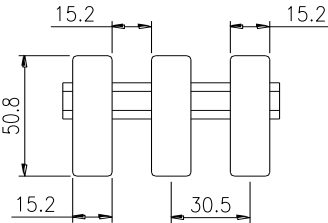


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-4000	50.8	39.37	25.4	10.2	40	70.31 Kg

$A = 3.05 \times 10^4 \text{ mm}^2/\text{Meter of Width}$
 $I = 6.55 \times 10^6 \text{ mm}^4/\text{Meter of Width}$

$S = 2.58 \times 10^5 \text{ mm}^3/\text{Meter of Width}$

A=	2.539x10 ⁴ mm ² /m	HD5000 51mm												STRONGWELL	
I =	5.461x10 ⁶ mm ⁴ /m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)													
S=	2.150x10 ⁵ mm ³ /m	△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
E x 10 ¹⁰ N/SQm	SPAN mm	WEIGHT PER SQm: 54.2 kg	△c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												safe load, 2 to 1
		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
3.18	600	△ u	0.03	0.03	0.04	0.04	0.05	0.06	0.08	0.10	0.12	0.15	0.19	926	9.00
		△ c	0.08	0.09	0.10	0.12	0.13	0.16	0.21	0.26	0.31	0.39	0.52	283	7.32
3.55	800	△ u	0.08	0.10	0.11	0.12	0.14	0.17	0.22	0.28	0.33	0.41	0.55	544	14.96
		△ c	0.17	0.19	0.22	0.25	0.28	0.33	0.44	0.55	0.66	0.83	1.10	218	11.97
3.71	1000	△ u	0.19	0.22	0.26	0.29	0.32	0.39	0.51	0.64	0.77	0.96	1.29	346	22.25
		△ c	0.31	0.36	0.41	0.46	0.51	0.62	0.82	1.03	1.23	1.54	2.06	173	17.74
3.78	1200	△ u	0.39	0.46	0.52	0.59	0.65	0.78	1.05	1.31	1.57	1.96	2.62	233	30.41
		△ c	0.52	0.61	0.70	0.78	0.87	1.05	1.40	1.74	2.09	2.62	3.49	141	24.63
3.83	1400	△ u	0.72	0.84	0.96	1.08	1.20	1.43	1.91	2.39	2.87	3.59	4.78	178	42.45
		△ c	0.82	0.96	1.09	1.23	1.37	1.64	2.19	2.73	3.28	4.10	5.47	124	33.82
3.87	1600	△ u	1.21	1.41	1.62	1.82	2.02	2.42	3.23	4.04	4.85	6.06	8.08	136	55.01
		△ c	1.21	1.41	1.62	1.82	2.02	2.42	3.23	4.04	4.85	6.06	8.08	109	43.91
3.9	1800	△ u	1.93	2.25	2.57	2.89	3.21	3.85	5.13	6.42	7.70	9.63	12.84	108	68.99
		△ c	1.71	2.00	2.28	2.57	2.85	3.42	4.56	5.70	6.85	8.56	11.41	96	54.91
3.91	2000	△ u	2.93	3.41	3.90	4.39	4.88	5.85	7.81	9.76	11.71	14.64		89	86.59
		△ c	2.34	2.73	3.12	3.51	3.90	4.68	6.24	7.81	9.37	11.71	15.61	88	68.30

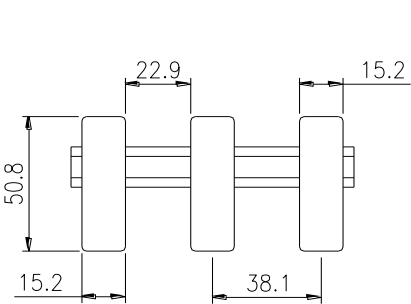


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
HD-5000	50.8	32.79	30.5	15.2	50	54.19 Kg
						Per
						Sq. Meter

$A = 2.54 \times 10^4 \text{ mm}^2/\text{Meter of Width}$
 $I = 5.46 \times 10^6 \text{ mm}^4/\text{Meter of Width}$

$S = 2.15 \times 10^5 \text{ mm}^3/\text{Meter of Width}$

A=	2.031x10^4 mm^2/m	HD6000 51mm											LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)			STRONGWELL	
I =	4.369x10^6 mm^4/m	Δu IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
S=	1.720x10^5 mm^3/m	WEIGHT PER SQm: 43.9 kg											Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD			safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	5	10	15	25	50	100	150	200	250	300	safety factor	deflection			
3.18	600	Δ u	0.06	0.12	0.18	0.30	0.61	1.21	1.82	2.43	3.04	3.64	741	9.00			
		Δ c	0.16	0.32	0.49	0.81	1.62	3.24	4.86	6.48			226	7.32			
3.55	800	Δ u	0.17	0.34	0.52	0.86	1.72	3.44	5.16	6.88	8.60	10.32	435	14.96			
		Δ c	0.34	0.69	1.03	1.72	3.44	6.88	10.32				174	11.97			
3.71	1000	Δ u	0.40	0.80	1.21	2.01	4.02	8.03	12.05	16.07			277	22.25			
		Δ c	0.64	1.29	1.93	3.21	6.43	12.85					138	17.74			
3.78	1200	Δ u	0.82	1.63	2.45	4.09	8.17	16.35					186	30.41			
		Δ c	1.09	2.18	3.27	5.45	10.90					113	24.63				
3.83	1400	Δ u	1.49	2.99	4.48	7.47	14.95						142	42.45			
		Δ c	1.71	3.42	5.12	8.54						99	33.82				
3.87	1600	Δ u	2.52	5.05	7.57	12.62								109	55.01		
		Δ c	2.52	5.05	7.57	12.62								87	43.91		
3.9	1800	Δ u	4.01	8.02	12.03									86	68.99		
		Δ c	3.57	7.13	10.70									77	54.91		
3.91	2000	Δ u	6.10	12.20										71	86.59		
		Δ c	4.88	9.76	14.64										70	68.30	

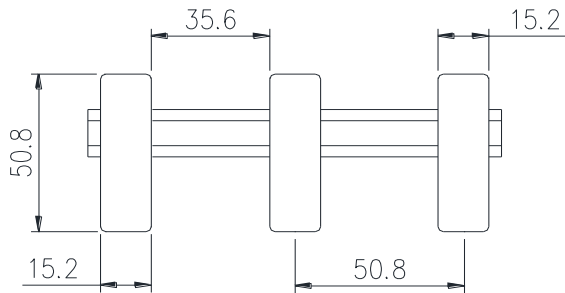


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-6000	50.8	26.25	38.1	22.9	60	43.95 Kg

$A = 2.03 \times 10^4 \text{ mm}^2/\text{Meter of Width}$
 $S = 1.72 \times 10^5 \text{ mm}^3/\text{Meter of Width}$

$I = 4.37 \times 10^6 \text{ mm}^4/\text{Meter of Width}$

A=	1.524x10^4 mm^2/m	HD7000 51mm											LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)				STRONGWELL	
I=	3.277x10^6 mm^4/m	Δu IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																
S=	1.290x10^5 mm^3/m	WEIGHT PER SQm: 33.0 kg											Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD				safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	5	10	15	25	50	100	150	200	250	300	safety factor	deflection				
3.18	600	Δ u	0.08	0.16	0.24	0.40	0.81	1.62	2.43	3.24	4.05	4.86	556	9.00				
		Δ c	0.22	0.43	0.65	1.08	2.16	4.32	6.48				170	7.32				
3.55	800	Δ u	0.23	0.46	0.69	1.15	2.29	4.59	6.88	9.17	11.46	13.76	326	14.96				
		Δ c	0.46	0.92	1.38	2.29	4.59	9.17	13.76	18.34			131	11.97				
3.71	1000	Δ u	0.54	1.07	1.61	2.68	5.36	10.71	16.07				208	22.25				
		Δ c	0.86	1.71	2.57	4.28	8.57	17.14					104	17.74				
3.78	1200	Δ u	1.09	2.18	3.27	5.45	10.90	21.80				140	30.41					
		Δ c	1.45	2.91	4.36	7.27	14.53					85	24.63					
3.83	1400	Δ u	1.99	3.99	5.98	9.96				107	42.45							
		Δ c	2.28	4.56	6.83	11.39				74	33.82							
3.87	1600	Δ u	3.36	6.73	10.09	16.82				82	55.01							
		Δ c	3.36	6.73	10.09	16.82				65	43.91							
3.9	1800	Δ u	5.35	10.70	16.04				65	68.99								
		Δ c	4.75	9.51	14.26				58	54.91								
3.91	2000	Δ u	8.13	16.26				53	86.59									
		Δ c	6.50	13.01				53	68.30									



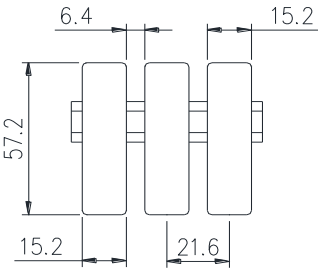
Series	Bearing Bar Thickness	No bars Ft. Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-7000	50.8	19.69	50.8	35.6	70	33.0 Kg

$$A = 1.52 \times 10^4 \text{ mm}^2/\text{Meter of Width}$$

$$I = 3.28 \times 10^6 \text{ mm}^4/\text{Meter of Width}$$

$$S = 1.29 \times 10^5 \text{ mm}^3/\text{Meter of Width}$$

A= 4.034x10 ⁴ mm ² /m		HD3000 57mm												STRONGWELL	
I = 10.979x10 ⁶ mm ⁴ /m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)													
S= 3.842x10 ⁵ mm ³ /m		△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
		WEIGHT PER SQm: 84.5 kg												safe load, 2 to 1	
E x 10 ¹⁰ N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
3.12	600	△ u	0.01	0.02	0.02	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.10	1362	6.71
		△ c	0.04	0.05	0.05	0.06	0.07	0.08	0.11	0.13	0.16	0.20	0.26	415	5.45
3.55	800	△ u	0.04	0.05	0.05	0.06	0.07	0.08	0.11	0.14	0.16	0.21	0.27	988	13.52
		△ c	0.08	0.10	0.11	0.12	0.14	0.16	0.22	0.27	0.33	0.41	0.55	395	10.82
3.76	1000	△ u	0.09	0.11	0.13	0.14	0.16	0.19	0.25	0.32	0.38	0.47	0.63	762	24.05
		△ c	0.15	0.18	0.20	0.23	0.25	0.30	0.40	0.50	0.61	0.76	1.01	381	19.24
3.9	1200	△ u	0.19	0.22	0.25	0.28	0.32	0.38	0.50	0.63	0.76	0.95	1.26	514	32.38
		△ c	0.25	0.29	0.34	0.38	0.42	0.50	0.67	0.84	1.01	1.26	1.68	312	26.26
3.96	1400	△ u	0.35	0.40	0.46	0.52	0.58	0.69	0.92	1.15	1.38	1.73	2.30	390	44.87
		△ c	0.39	0.46	0.53	0.59	0.66	0.79	1.05	1.31	1.58	1.97	2.63	272	35.73
3.99	1600	△ u	0.58	0.68	0.78	0.88	0.97	1.17	1.56	1.95	2.34	2.92	3.90	298	58.09
		△ c	0.58	0.68	0.78	0.88	0.97	1.17	1.56	1.95	2.34	2.92	3.90	238	46.41
4.02	1800	△ u	0.93	1.08	1.24	1.39	1.55	1.86	2.48	3.10	3.72	4.65	6.19	238	73.78
		△ c	0.83	0.96	1.10	1.24	1.38	1.65	2.20	2.75	3.30	4.13	5.51	214	58.78
4.03	2000	△ u	1.41	1.65	1.88	2.12	2.35	2.83	3.77	4.71	5.65	7.06	9.42	194	91.40
		△ c	1.13	1.32	1.51	1.70	1.88	2.26	3.01	3.77	4.52	5.65	7.53	192	72.45

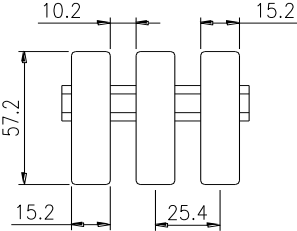


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
HD-3000	57.2	46.30	21.6	6.4	30	84.5 Kg
						Per
						Sq. Meter

A = 4.03 x 10⁴ mm²/Meter of Width
I = 10.98 x 10⁶ mm⁴/Meter of Width

S = 3.84 x 10⁵ mm³/Meter of Width

A=	3.428x10 ⁴ mm ² /m	HD4000 57mm												STRONGWELL	
I =	9.325x10 ⁶ mm ⁴ /m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)													
S=	3.262x10 ⁵ mm ³ /m	WEIGHT PER SQm: 71.8 kg													
E x 10 ¹⁰ N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1	
														safety factor	deflection
3.12	600	△ u	0.02	0.02	0.02	0.03	0.03	0.03	0.05	0.06	0.07	0.09	0.12	1158	6.72
		△ c	0.05	0.05	0.06	0.07	0.08	0.09	0.12	0.15	0.19	0.23	0.31	353	5.45
3.55	800	△ u	0.05	0.06	0.06	0.07	0.08	0.10	0.13	0.16	0.19	0.24	0.32	840	13.53
		△ c	0.10	0.11	0.13	0.15	0.16	0.19	0.26	0.32	0.39	0.48	0.64	336	10.83
3.76	1000	△ u	0.11	0.13	0.15	0.17	0.19	0.22	0.30	0.37	0.45	0.56	0.74	648	24.07
		△ c	0.18	0.21	0.24	0.27	0.30	0.36	0.48	0.59	0.71	0.89	1.19	324	19.25
3.9	1200	△ u	0.22	0.26	0.30	0.33	0.37	0.45	0.59	0.74	0.89	1.11	1.48	437	32.41
		△ c	0.30	0.35	0.40	0.45	0.49	0.59	0.79	0.99	1.19	1.48	1.98	266	26.28
3.96	1400	△ u	0.41	0.47	0.54	0.61	0.68	0.81	1.08	1.35	1.63	2.03	2.71	332	44.91
		△ c	0.46	0.54	0.62	0.70	0.77	0.93	1.24	1.55	1.86	2.32	3.10	231	35.76
3.99	1600	△ u	0.69	0.80	0.92	1.03	1.15	1.38	1.83	2.29	2.75	3.44	4.59	254	58.14
		△ c	0.69	0.80	0.92	1.03	1.15	1.38	1.83	2.29	2.75	3.44	4.59	203	46.45
4.02	1800	△ u	1.09	1.28	1.46	1.64	1.82	2.19	2.92	3.65	4.38	5.47	7.29	203	73.84
		△ c	0.97	1.13	1.30	1.46	1.62	1.94	2.59	3.24	3.89	4.86	6.48	182	58.83
4.03	2000	△ u	1.66	1.94	2.22	2.49	2.77	3.33	4.44	5.54	6.65	8.32	11.09	165	91.48
		△ c	1.33	1.55	1.77	2.00	2.22	2.66	3.55	4.44	5.32	6.65	8.87	164	72.52

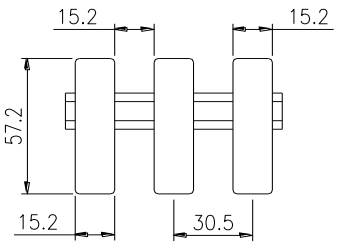


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-4000	57.2	39.37	25.4	10.2	40	71.78 Kg

$A = 3.43 \times 10^4 \text{ mm}^2/\text{Meter of Width}$
 $I = 9.32 \times 10^6 \text{ mm}^4/\text{Meter of Width}$

$S = 3.26 \times 10^5 \text{ mm}^3/\text{Meter of Width}$

A= 2.857x10^4 mm^2/m		HD5000 57mm												STRONGWELL	
I = 7.782x10^6 mm^4/m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)													
S= 2.720x10^5 mm^3/m		WEIGHT PER SQm: 60.5 kg													
		△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
		△c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD													
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1	
														safety factor	deflection
3.12	600	△ u	0.02	0.02	0.03	0.03	0.03	0.04	0.06	0.07	0.08	0.10	0.14	965	6.71
		△ c	0.06	0.06	0.07	0.08	0.09	0.11	0.15	0.19	0.22	0.28	0.37	294	5.44
3.55	800	△ u	0.06	0.07	0.08	0.09	0.10	0.12	0.15	0.19	0.23	0.29	0.39	700	13.51
		△ c	0.12	0.14	0.15	0.17	0.19	0.23	0.31	0.39	0.46	0.58	0.77	280	10.81
3.76	1000	△ u	0.13	0.16	0.18	0.20	0.22	0.27	0.36	0.45	0.53	0.67	0.89	540	24.03
		△ c	0.21	0.25	0.28	0.32	0.36	0.43	0.57	0.71	0.85	1.07	1.42	270	19.22
3.9	1200	△ u	0.27	0.31	0.36	0.40	0.44	0.53	0.71	0.89	1.07	1.33	1.78	364	32.36
		△ c	0.36	0.42	0.47	0.53	0.59	0.71	0.95	1.19	1.42	1.78	2.37	221	26.24
3.96	1400	△ u	0.49	0.57	0.65	0.73	0.81	0.97	1.30	1.62	1.95	2.43	3.25	276	44.84
		△ c	0.56	0.65	0.74	0.83	0.93	1.11	1.48	1.86	2.23	2.78	3.71	193	35.71
3.99	1600	△ u	0.82	0.96	1.10	1.24	1.37	1.65	2.20	2.75	3.30	4.12	5.50	211	58.06
		△ c	0.82	0.96	1.10	1.24	1.37	1.65	2.20	2.75	3.30	4.12	5.50	169	46.38
4.02	1800	△ u	1.31	1.53	1.75	1.97	2.18	2.62	3.50	4.37	5.24	6.55	8.74	169	73.73
		△ c	1.17	1.36	1.55	1.75	1.94	2.33	3.11	3.88	4.66	5.83	7.77	151	58.74
4.03	2000	△ u	1.99	2.33	2.66	2.99	3.32	3.99	5.31	6.64	7.97	9.96	13.29	138	91.34
		△ c	1.59	1.86	2.13	2.39	2.66	3.19	4.25	5.31	6.38	7.97	10.63	136	72.41

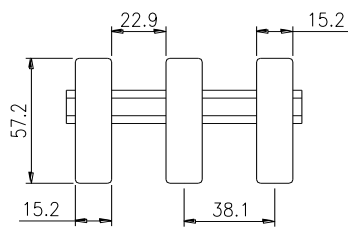


Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Space	Area	Weight
HD-5000	57.2	32.79	15.2	50	60.54 Kg
					Per
					Sq. Meter

$A = 2.86 \times 10^4 \text{ mm}^2/\text{Meter of Width}$
 $I = 7.78 \times 10^6 \text{ mm}^4/\text{Meter of Width}$

$S = 2.72 \times 10^5 \text{ mm}^3/\text{Meter of Width}$

A= 2.285x10^4 mm^2/m		HD6000 57mm													STRONGWELL		
I= 6.226x10^6 mm^4/m		LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)															
S= 2.177x10^5 mm^3/m		△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
		△c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD													safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	5	10	15	25	50	100	150	200	250	300	350	400	safety factor	deflection	
3.12	600	△u	0.04	0.09	0.13	0.22	0.43	0.87	1.30	1.74	2.17	2.61	3.04	3.47	772	6.71	
		△c	0.12	0.23	0.35	0.58	1.16	2.32	3.47	4.63					235	5.44	
3.55	800	△u	0.12	0.24	0.36	0.60	1.21	2.41	3.62	4.83	6.03	7.24	8.45	9.65	560	13.51	
		△c	0.24	0.48	0.72	1.21	2.41	4.83	7.24	9.65					224	10.81	
3.76	1000	△u	0.28	0.56	0.83	1.39	2.78	5.56	8.34	11.12	13.91	16.69			432	24.03	
		△c	0.44	0.89	1.33	2.22	4.45	8.90	13.35						216	19.22	
3.9	1200	△u	0.56	1.11	1.67	2.78	5.56	11.12	16.68						291	32.36	
		△c	0.74	1.48	2.22	3.71	7.41	14.83							177	26.24	
3.96	1400	△u	1.01	2.03	3.04	5.07	10.14								221	44.84	
		△c	1.16	2.32	3.48	5.80	11.59								154	35.71	
3.99	1600	△u	1.72	3.44	5.15	8.59									169	58.05	
		△c	1.72	3.44	5.15	8.59									135	46.37	
4.02	1800	△u	2.73	5.46	8.19	13.65									135	73.73	
		△c	2.43	4.85	7.28	12.14									121	58.74	
4.03	2000	△u	4.15	8.30	12.45										110	91.34	
		△c	3.32	6.64	9.96										109	72.40	



Series

HD-6000

Bearing Bar Thickness

57.2

No bars Meter Width

26.25

Bearing Bar Center

38.1

Open Space

22.9

% Open Area

60

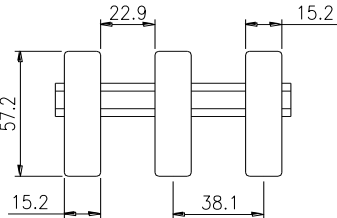
Approx. Weight Per Sq. Meter

49.32 Kg

A = 2.28 x 10⁴ mm²/Meter of Width

I = 6.22 x 10⁶ mm⁴/Meter of Width

S = 2.18 x 10⁵ mm³/Meter of Width

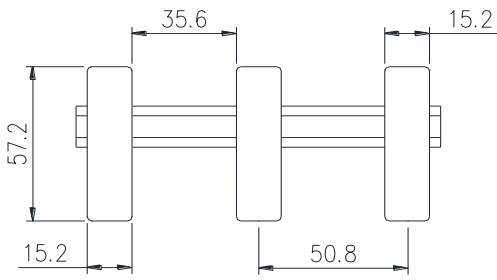


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-6000	57.2	26.25	38.1	22.9	60	49.32 Kg

$A = 2.28 \times 10^4 \text{ mm}^2/\text{Meter of Width}$
 $S = 2.18 \times 10^5 \text{ mm}^3/\text{Meter of Width}$

$I = 6.22 \times 10^6 \text{ mm}^4/\text{Meter of Width}$

A=	1.714x10^4 mm^2/m	HD7000 57mm													STRONGWELL				
I =	4.665x10^6 mm^4/m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)																	
S=	1.633x10^5 mm^3/m	△U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																	
		WEIGHT PER SQm: 37.0 kg													△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD			safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	5	10	15	25	50	100	150	200	250	300	350	400	safety factor	deflection			
3.12	600	△ u	0.06	0.12	0.17	0.29	0.58	1.16	1.74	2.32	2.90	3.48	4.06	4.64	579	6.71			
		△ c	0.15	0.31	0.46	0.77	1.55	3.09	4.64						176	5.45			
3.55	800	△ u	0.16	0.32	0.48	0.81	1.61	3.22	4.83	6.44	8.05	9.66	11.27		420	13.53			
		△ c	0.32	0.64	0.97	1.61	3.22	6.44	9.66						168	10.82			
3.76	1000	△ u	0.37	0.74	1.11	1.86	3.71	7.42	11.13	14.85	18.56				324	24.05			
		△ c	0.59	1.19	1.78	2.97	5.94	11.88	17.81						162	19.24			
3.9	1200	△ u	0.74	1.48	2.23	3.71	7.42	14.84							218	32.39			
		△ c	0.99	1.98	2.97	4.95	9.89	19.79							133	26.27			
3.96	1400	△ u	1.35	2.71	4.06	6.77	13.54								166	44.88			
		△ c	1.55	3.09	4.64	7.74	15.47								116	35.74			
3.99	1600	△ u	2.29	4.58	6.88	11.46									127	58.11			
		△ c	2.29	4.58	6.88	11.46									101	46.42			
4.02	1800	△ u	3.64	7.29	10.93	18.22									101	73.79			
		△ c	3.24	6.48	9.72	16.20									91	58.79			
4.03	2000	△ u	5.54	11.08	16.62									83	91.42				
		△ c	4.43	8.86	13.30									82	72.47				

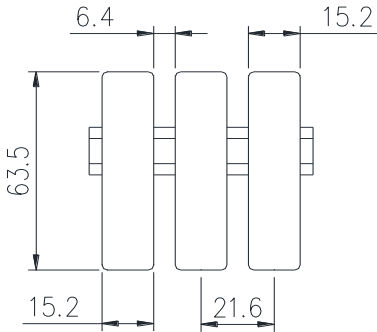


Series	Bearing Bar Thickness	No bars Ft. Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-7000	57.2	19.69	50.8	35.6	70	37.0 Kg

$A = 1.71 \times 10^4 \text{ mm}^2/\text{Meter of Width}$
 $I = 4.66 \times 10^6 \text{ mm}^4/\text{Meter of Width}$

$S = 1.63 \times 10^5 \text{ mm}^3/\text{Meter of Width}$

A=	4.481x10^4 mm^2/m	HD3000 63.5mm												STRONGWELL			
I =	1.506x10^7 mm^4/m	LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)															
S=	4.743x10^5 mm^3/m	ΔU IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
E x 10^10 N/SQm	SPAN mm	LOAD 	Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												safe load, 2 to 1		
			3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
2.78	600	Δ u	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.04	0.05	0.06	0.08	1168	4.71		
		Δ c	0.03	0.04	0.04	0.05	0.05	0.06	0.09	0.11	0.13	0.16	0.21	395	4.25		
3.27	800	Δ u	0.03	0.04	0.04	0.05	0.05	0.06	0.09	0.11	0.13	0.16	0.22	911	9.86		
		Δ c	0.06	0.08	0.09	0.10	0.11	0.13	0.17	0.22	0.26	0.32	0.43	364	7.87		
3.54	1000	Δ u	0.07	0.09	0.10	0.11	0.12	0.15	0.20	0.24	0.29	0.37	0.49	676	16.51		
		Δ c	0.12	0.14	0.16	0.18	0.20	0.23	0.31	0.39	0.47	0.59	0.78	337	13.17		
3.7	1200	Δ u	0.15	0.17	0.19	0.22	0.24	0.29	0.39	0.48	0.58	0.73	0.97	455	22.06		
		Δ c	0.19	0.23	0.26	0.29	0.32	0.39	0.52	0.65	0.78	0.97	1.29	277	17.90		
3.77	1400	Δ u	0.26	0.31	0.35	0.40	0.44	0.53	0.70	0.88	1.06	1.32	1.76	362	31.87		
		Δ c	0.30	0.35	0.40	0.45	0.50	0.60	0.81	1.01	1.21	1.51	2.01	252	25.41		
3.81	1600	Δ u	0.45	0.52	0.59	0.67	0.74	0.89	1.19	1.49	1.78	2.23	2.97	265	39.37		
		Δ c	0.45	0.52	0.59	0.67	0.74	0.89	1.19	1.49	1.78	2.23	2.97	210	31.23		
3.83	1800	Δ u	0.71	0.83	0.95	1.07	1.18	1.42	1.90	2.37	2.84	3.55	4.74	208	49.35		
		Δ c	0.63	0.74	0.84	0.95	1.05	1.26	1.69	2.11	2.53	3.16	4.21	187	39.41		
3.85	2000	Δ u	1.08	1.26	1.44	1.62	1.80	2.16	2.87	3.59	4.31	5.39	7.19	173	62.15		
		Δ c	0.86	1.01	1.15	1.29	1.44	1.72	2.30	2.87	3.45	4.31	5.75	171	49.21		

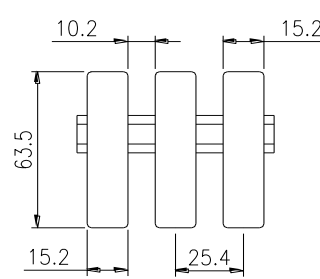


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
HD-3000	63.5	65.79	21.6	6.4	30	88.9 Kg
						Per Sq. Meter

A = 44.81 x 10^4 mm^2/Meter of Width
I = 150.59 x 10^5 mm^4/Meter of Width

S = 47.43 x 10^4 mm^3/Meter of Width

A= 3.809x10^4 mm^2/m		HD4000 63.5mm												LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)		STRONGWELL		
I= 1.281x10^7 mm^4/m		Δu IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																
S= 4.031x10^5 mm^3/m		WEIGHT PER SQm: 79.6 kg												Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection			
2.78	600	Δ u	0.01	0.02	0.02	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.09	993	4.71			
		Δ c	0.04	0.04	0.05	0.06	0.06	0.08	0.10	0.13	0.15	0.19	0.25	336	4.25			
3.27	800	Δ u	0.04	0.04	0.05	0.06	0.06	0.08	0.10	0.13	0.15	0.19	0.25	774	9.86			
		Δ c	0.08	0.09	0.10	0.11	0.13	0.15	0.20	0.25	0.31	0.38	0.51	309	7.87			
3.54	1000	Δ u	0.09	0.10	0.11	0.13	0.14	0.17	0.23	0.29	0.34	0.43	0.57	575	16.50			
		Δ c	0.14	0.16	0.18	0.21	0.23	0.28	0.37	0.46	0.55	0.69	0.92	287	13.17			
3.7	1200	Δ u	0.17	0.20	0.23	0.26	0.28	0.34	0.46	0.57	0.68	0.85	1.14	387	22.05			
		Δ c	0.23	0.27	0.30	0.34	0.38	0.46	0.61	0.76	0.91	1.14	1.52	236	17.89			
3.77	1400	Δ u	0.31	0.36	0.41	0.47	0.52	0.62	0.83	1.04	1.24	1.55	2.07	308	31.86			
		Δ c	0.36	0.41	0.47	0.53	0.59	0.71	0.95	1.18	1.42	1.78	2.37	215	25.40			
3.81	1600	Δ u	0.52	0.61	0.70	0.79	0.87	1.05	1.40	1.75	2.10	2.62	3.50	225	39.35			
		Δ c	0.52	0.61	0.70	0.79	0.87	1.05	1.40	1.75	2.10	2.62	3.50	179	31.22			
3.83	1800	Δ u	0.84	0.98	1.11	1.25	1.39	1.67	2.23	2.79	3.34	4.18	5.57	177	49.33			
		Δ c	0.74	0.87	0.99	1.11	1.24	1.49	1.98	2.48	2.97	3.72	4.95	159	39.39			
3.85	2000	Δ u	1.27	1.48	1.69	1.90	2.11	2.54	3.38	4.23	5.07	6.34	8.45	147	62.12			
		Δ c	1.01	1.18	1.35	1.52	1.69	2.03	2.70	3.38	4.06	5.07	6.76	146	49.19			

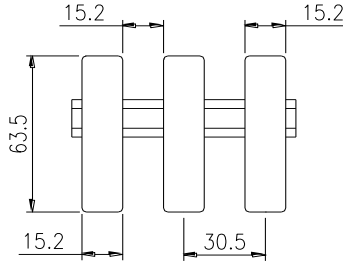


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
HD-4000	63.5	39.37	25.4	10.2	40	79.58 Kg
						Per Sq. Meter

A = 3.81 x 10^4 mm^2/Meter of Width
I = 1.28 x 10^7 mm^4/Meter of Width

S = 4.03 x 10^5 mm^3/Meter of Width

A=	3.174x10^4 mm^2/m	HD5000 63.5mm												LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)			STRONGWELL		
I=	1.066x10^7 mm^4/m	Δu IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																	
S=	3.359x10^5 mm^3/m	WEIGHT PER SQm: 66.9 kg												Δc IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD			safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection				
2.78	600	Δu	0.02	0.02	0.02	0.03	0.03	0.03	0.05	0.06	0.07	0.09	0.11	828	4.71				
		Δc	0.05	0.05	0.06	0.07	0.08	0.09	0.12	0.15	0.18	0.23	0.30	280	4.25				
3.27	800	Δu	0.05	0.05	0.06	0.07	0.08	0.09	0.12	0.15	0.18	0.23	0.31	645	9.87				
		Δc	0.09	0.11	0.12	0.14	0.15	0.18	0.24	0.31	0.37	0.46	0.61	258	7.88				
3.54	1000	Δu	0.10	0.12	0.14	0.16	0.17	0.21	0.28	0.34	0.41	0.52	0.69	479	16.52				
		Δc	0.17	0.19	0.22	0.25	0.28	0.33	0.44	0.55	0.66	0.83	1.10	239	13.18				
3.7	1200	Δu	0.21	0.24	0.27	0.31	0.34	0.41	0.55	0.68	0.82	1.03	1.37	323	22.07				
		Δc	0.27	0.32	0.37	0.41	0.46	0.55	0.73	0.91	1.10	1.37	1.83	196	17.91				
3.77	1400	Δu	0.37	0.44	0.50	0.56	0.62	0.75	1.00	1.24	1.49	1.87	2.49	256	31.89				
		Δc	0.43	0.50	0.57	0.64	0.71	0.85	1.14	1.42	1.71	2.13	2.84	179	25.42				
3.81	1600	Δu	0.63	0.74	0.84	0.95	1.05	1.26	1.68	2.10	2.52	3.15	4.20	188	39.39				
		Δc	0.63	0.74	0.84	0.95	1.05	1.26	1.68	2.10	2.52	3.15	4.20	149	31.25				
3.83	1800	Δu	1.00	1.17	1.34	1.51	1.67	2.01	2.68	3.35	4.02	5.02	6.69	148	49.37				
		Δc	0.89	1.04	1.19	1.34	1.49	1.79	2.38	2.98	3.57	4.46	5.95	133	39.42				
3.85	2000	Δu	1.52	1.78	2.03	2.28	2.54	3.05	4.06	5.08	6.09	7.61	10.15	123	62.17				
		Δc	1.22	1.42	1.62	1.83	2.03	2.44	3.25	4.06	4.87	6.09	8.12	121	49.23				

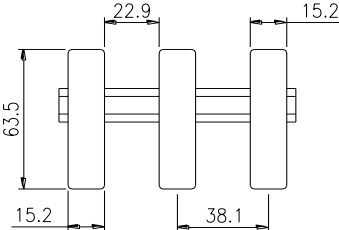


Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area
HD-5000	63.5	32.79	30.5	15.2	50
					66.89 Kg
					Per
					Sq. Meter

A = 3.17 x 10^4 mm^2/Meter of Width
I = 1.07 x 10^6 mm^4/Meter of Width

S = 3.36 x 10^5 mm^3/Meter of Width

A=	2.539x10^4 mm^2/m	HD6000 63.5mm												LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)		STRONGWELL	
I =	8.533x10^6 mm^4/m	Δu IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
S=	2.687x10^5 mm^3/m	WEIGHT PER SQm: 54.2 kg												Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	5	10	15	25	50	100	150	200	250	300	350	400	safety factor	deflection	
2.78	600	Δ u	0.04	0.07	0.11	0.18	0.36	0.71	1.07	1.42	1.78	2.13	2.49	2.85	662	4.71	
		Δ c	0.09	0.19	0.28	0.47	0.95	1.90	2.85	3.79					224	4.25	
3.27	800	Δ u	0.10	0.19	0.29	0.48	0.96	1.91	2.87	3.82	4.78	5.73	6.69	7.65	516	9.86	
		Δ c	0.19	0.38	0.57	0.96	1.91	3.82	5.73	7.65					206	7.88	
3.54	1000	Δ u	0.22	0.43	0.65	1.08	2.16	4.31	6.47	8.62	10.78	12.93	15.09		383	16.51	
		Δ c	0.34	0.69	1.03	1.72	3.45	6.90	10.35						191	13.17	
3.7	1200	Δ u	0.43	0.86	1.28	2.14	4.28	8.55	12.83						258	22.06	
		Δ c	0.57	1.14	1.71	2.85	5.70	11.40						157	17.90		
3.77	1400	Δ u	0.78	1.55	2.33	3.89	7.77	15.55						205	31.88		
		Δ c	0.89	1.78	2.67	4.44	8.89						143	25.41			
3.81	1600	Δ u	1.31	2.62	3.94	6.56	13.12						150	39.37			
		Δ c	1.31	2.62	3.94	6.56	13.12						119	31.24			
3.83	1800	Δ u	2.09	4.18	6.27	10.46						118	49.35				
		Δ c	1.86	3.72	5.58	9.29						106	39.41				
3.85	2000	Δ u	3.17	6.34	9.51	15.85						98	62.15				
		Δ c	2.54	5.07	7.61	12.68						97	49.21				

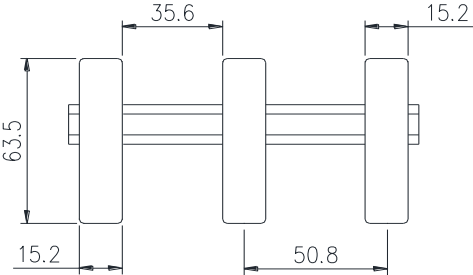


Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Weight
HD-6000	63.5	26.25	38.1	22.9	54.20 Kg
					Per
					Sq. Meter

A = 2.54 x 10⁴ mm²/Meter of Width
I = 8.53 x 10⁶ mm⁴/Meter of Width

S = 2.69 x 10⁵ mm³/Meter of Width

A=	1.904x10^4 mm^2/m	HD7000 63.5mm													LOAD IS KN/SQM (UNIFORM) OR KN/M OF WIDTH (CONCENTRATED)										STRONGWELL		
I =	6.400x10^6 mm^4/m														Δu IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD												
S=	2.015x10^5 mm^3/m	WEIGHT PER SQm: 41.0 kg													Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD										safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	5	10	15	25	50	100	150	200	250	300	350	400	safety factor	deflection											
2.78	600	Δ u	0.05	0.09	0.14	0.24	0.47	0.95	1.42	1.90	2.37	2.85	3.32	3.79	497	4.71											
		Δ c	0.13	0.25	0.38	0.63	1.26	2.53	3.79						168	4.25											
3.27	800	Δ u	0.13	0.25	0.38	0.64	1.27	2.55	3.82	5.10	6.37	7.65	8.92		387	9.86											
		Δ c	0.25	0.51	0.76	1.27	2.55	5.10	7.65						155	7.88											
3.54	1000	Δ u	0.29	0.57	0.86	1.44	2.87	5.75	8.62	11.50	14.37				287	16.51											
		Δ c	0.46	0.92	1.38	2.30	4.60	9.20							143	13.17											
3.7	1200	Δ u	0.57	1.14	1.71	2.85	5.70	11.40	17.10						194	22.06											
		Δ c	0.76	1.52	2.28	3.80	7.60	15.20							118	17.90											
3.77	1400	Δ u	1.04	2.07	3.11	5.18	10.37								154	31.88											
		Δ c	1.18	2.37	3.55	5.92	11.85								107	25.41											
3.81	1600	Δ u	1.75	3.50	5.25	8.75	17.50								113	39.37											
		Δ c	1.75	3.50	5.25	8.75	17.50								89	31.24											
3.83	1800	Δ u	2.79	5.58	8.37	13.94								89	49.35												
		Δ c	2.48	4.96	7.44	12.39								80	39.41												
3.85	2000	Δ u	4.23	8.46	12.68								74	62.15													
		Δ c	3.38	6.76	10.15								73	49.21													

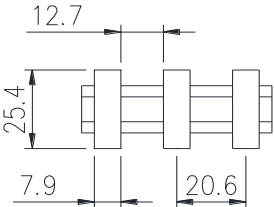


Series	Bearing Bar Thickness	No bars Ft. Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
HD-7000	63.5	19.69	50.8	35.6	70	41.0 Kg

$A = 19.04 \times 10^4 \text{ mm}^2/\text{Meter of Width}$
 $I = 64.00 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S = 2.02 \times 10^5 \text{ mm}^3/\text{Meter of Width}$

A= 9.782x10 ³ mm ² /m		R6200 25mm												STRONGWELL	
I = 5.243x10 ⁵ mm ⁴ /m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)													
S= 4.128x10 ⁴ mm ³ /m		△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
		△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												safe load, 2 to 1	
E x 10 ¹⁰ N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
3.04	400	△ u	0.06	0.07	0.08	0.09	0.10	0.13	0.17	0.21	0.25	0.31	0.42	481.1	10.06
		△ c	0.25	0.29	0.33	0.38	0.42	0.50	0.67	0.84	1.00	1.25	1.67	97.8	8.18
3.33	600	△ u	0.29	0.34	0.39	0.43	0.48	0.58	0.77	0.97	1.16	1.45	1.93	213.8	20.66
		△ c	0.77	0.90	1.03	1.16	1.29	1.55	2.06	2.58	3.09	3.87	5.15	65.3	16.82
3.49	800	△ u	0.87	1.02	1.17	1.31	1.46	1.75	2.33	2.91	3.50	4.37	5.83	124.1	36.17
		△ c	1.75	2.04	2.33	2.62	2.91	3.50	4.66	5.83	7.00	8.74	11.66	49.6	28.91
3.6	1000	△ u	2.07	2.41	2.76	3.10	3.45	4.14	5.52	6.90	8.28	10.35	13.80	79.3	54.73
		△ c	3.31	3.86	4.42	4.97	5.52	6.62	8.83	11.04	13.25	16.56		39.7	43.78
3.62	1200	△ u	4.27	4.98	5.69	6.40	7.11	8.54	11.38	14.23	17.07			55.4	78.74
		△ c	5.69	6.64	7.59	8.54	9.48	11.38	15.17	18.97				33.2	62.99
3.64	1400	△ u	7.86	9.17	10.48	11.79	13.11	15.73							
		△ c	8.99	10.48	11.98	13.48	14.98	17.97							
3.65	1600	△ u	13.38	15.61	17.84										
		△ c	13.38	15.61	17.84										

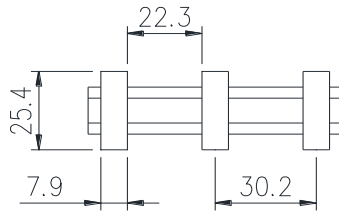


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter Width	Center	Space	Area	Weight
R6200	25.4	48.54	20.6	12.7	62	22.0 Kg
						Per
						Sq. Meter

$A = 9.78 \times 10^4 \text{ mm}^2/\text{Meter of Width}$
 $I = 5.24 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S = 4.13 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A= 6.693x10^3 mm^2/m		R7300 25mm												LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)		STRONGWELL	
I = 3.577x10^5 mm^4/m		Δ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
S= 2.816x10^4 mm^3/m		WEIGHT PER SQm: 15.6 kg												Δ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection		
3.04	400	Δ u	0.09	0.11	0.12	0.14	0.15	0.18	0.25	0.31	0.37	0.46	0.61	329.4	10.10		
		Δ c	0.37	0.43	0.49	0.55	0.61	0.74	0.98	1.23	1.47	1.84	2.45	66.9	8.21		
3.33	600	Δ u	0.43	0.50	0.57	0.64	0.71	0.85	1.13	1.42	1.70	2.13	2.83	146.4	20.74		
		Δ c	1.13	1.32	1.51	1.70	1.89	2.27	3.02	3.78	4.53	5.67	7.56	44.7	16.88		
3.49	800	Δ u	1.28	1.50	1.71	1.92	2.14	2.56	3.42	4.27	5.13	6.41	8.54	84.9	36.29		
		Δ c	2.56	2.99	3.42	3.85	4.27	5.13	6.84	8.54	10.25			33.9	29.01		
3.6	1000	Δ u	3.03	3.54	4.04	4.55	5.06	6.07	8.09	10.11	12.13			54.3	54.92		
		Δ c	4.85	5.66	6.47	7.28	8.09	9.71						27.2	43.94		
3.62	1200	Δ u	6.26	7.30	8.34	9.38	10.43							37.9	79.01		
		Δ c	8.34	9.73	11.12									22.7	63.21		

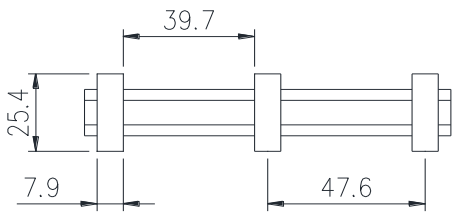


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
R7300	25.4	33.11	30.2	22.3	74	15.6 Kg
						Per
						Sq. Meter

A = 6.69 x 10^4 mm^2/Meter of Width
I = 3.58 x 10^5 mm^4/Meter of Width

S = 2.82 x 10^4 mm^3/Meter of Width

A= 4.238x10^3 mm^2/m		R8300 25mm												STRONGWELL			
I = 2.266x10^5 mm^4/m		LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)															
S= 1.784x10^4 mm^3/m		△ u IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD															
E x 10^10 N/SQm		SPAN mm		WEIGHT PER SQm: 10.7 kg										△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		safe load, 2 to 1	
		LOAD 		3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection	
3.04	400	△ u		0.15	0.17	0.19	0.22	0.24	0.29	0.39	0.48	0.58	0.73	0.97	208.6	10.09	
		△ c		0.58	0.68	0.77	0.87	0.97	1.16	1.55	1.94	2.32	2.90	3.87	42.4	8.21	
3.33	600	△ u		0.67	0.78	0.89	1.01	1.12	1.34	1.79	2.24	2.68	3.35	4.47	92.7	20.73	
		△ c		1.79	2.09	2.39	2.68	2.98	3.58	4.77	5.96	7.16	8.95	11.93	28.3	16.88	
3.49	800	△ u		2.02	2.36	2.70	3.03	3.37	4.05	5.40	6.74	8.09	10.12	13.49	53.8	36.28	
		△ c		4.05	4.72	5.40	6.07	6.74	8.09	10.79	13.49	16.19			21.5	29.00	
3.6	1000	△ u		4.79	5.59	6.38	7.18	7.98	9.58	12.77	15.96	19.15			34.4	54.91	
		△ c		7.66	8.94	10.22	11.49	12.77	15.32						17.2	43.93	
3.62	1200	△ u		9.87	11.52	13.17	14.81	16.46							24.0	79.00	
		△ c		13.17	15.36	17.55									14.4	63.20	

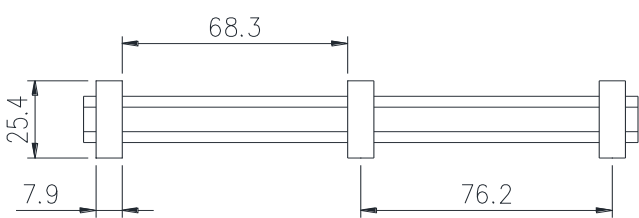


	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
R8300	25.4	21	47.6	39.7	83	10.7 Kg
						Per Sq. Meter

A = 4.24 x 10^4 mm^2/Meter of Width
I = 2.27 x 10^5 mm^4/Meter of Width

S = 1.78 x 10^4 mm^3/Meter of Width

A=	2.645x10 ³ mm ² /m	R9000 25mm												STRONGWELL	
I=	1.420x10 ⁵ mm ⁴ /m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)													
S=	1.118x10 ⁴ mm ³ /m	△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD													
E x 10 ¹⁰ N/SQm	SPAN mm	WEIGHT PER SQm: 6.8 kg	△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD												safe load, 2 to 1
		LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection
3.04	400	△ u	0.23	0.27	0.31	0.35	0.39	0.46	0.62	0.77	0.93	1.16	1.54	130.4	10.07
		△ c	0.93	1.08	1.24	1.39	1.54	1.85	2.47	3.09	3.71	4.63	6.18	26.5	8.19
3.33	600	△ u	1.07	1.25	1.43	1.61	1.78	2.14	2.85	3.57	4.28	5.35	7.14	57.9	20.68
		△ c	2.85	3.33	3.81	4.28	4.76	5.71	7.61	9.52	11.42	14.27		17.7	16.83
3.49	800	△ u	3.23	3.77	4.30	4.84	5.38	6.46	8.61	10.76	12.91	16.14		33.6	36.19
		△ c	6.46	7.53	8.61	9.69	10.76	12.91	17.22					13.4	28.92
3.6	1000	△ u	7.64	8.91	10.19	11.46	12.74	15.28						21.5	54.76
		△ c	12.23	14.26	16.30	18.34								10.8	43.81

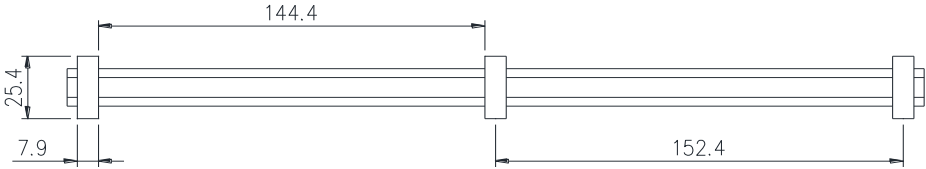


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
R9000	25.4	13.12	76.2	68.3	89	6.8 Kg

$A = 2.65 \times 10^4 \text{ mm}^2/\text{Meter of Width}$
 $S = 1.12 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

$I = 1.42 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

A=	1.323x10^3 mm^2/m	R9500 25mm												LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)			STRONGWELL		
I =	0.710x10^5 mm^4/m	△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD																	
S=	0.559x10^4 mm^3/m	WEIGHT PER SQm: 3.4 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD			safe load, 2 to 1		
E x 10^10 N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safety factor	deflection				
3.04	400	△ u	0.46	0.54	0.62	0.69	0.77	0.93	1.24	1.54	1.85	2.32	3.09	65.2	10.07				
		△ c	1.85	2.16	2.47	2.78	3.09	3.71	4.94	6.18	7.41			13.3	8.19				
3.33	600	△ u	2.14	2.50	2.85	3.21	3.57	4.28	5.71	7.14	8.56	10.71	14.27	29.0	20.68				
		△ c	5.71	6.66	7.61	8.56	9.52	11.42	15.23					8.8	16.83				
3.49	800	△ u	6.46	7.53	8.61	9.69	10.76	12.91	17.22					16.8	36.19				
		△ c	12.91	15.07	17.22	19.37								6.7	28.92				

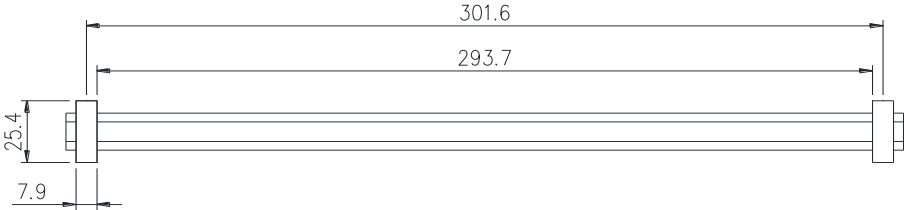


Series	Bearing Bar Thickness	No bars Meter Width	Bearing Bar Center	Open Space	% Open Area	Approx. Weight Per Sq. Meter
R9500	25.4	6.56	152.4	144.4	95	3.4 Kg

$A = 1.32 \times 10^4 \text{ mm}^2/\text{Meter of Width}$
 $I = 0.71 \times 10^5 \text{ mm}^4/\text{Meter of Width}$

$S = 0.56 \times 10^4 \text{ mm}^3/\text{Meter of Width}$

A=	0.669x10 ³ mm ² /m	R9700 25mm												STRONGWELL		
I =	0.355x10 ⁵ mm ⁴ /m	LOAD IS KN/SQm (UNIFORM) OR KN/m OF WIDTH (CONCENTRATED)												△ U IS THE DEFLECTION IN mm UNDER A UNIFORM LOAD		
S=	0.285x10 ⁴ mm ³ /m	WEIGHT PER SQm: 2.0 kg												△ c IS THE DEFLECTION IN mm UNDER A CONCENTRATED LOAD		
E x 10 ¹⁰ N/SQm	SPAN mm	LOAD 	3	3.5	4	4.5	5	6	8	10	12	15	20	safe load, 2 to 1		
														safety factor	deflection	
3.04	400	△ u	0.93	1.08	1.24	1.39	1.54	1.85	2.47	3.09	3.71	4.63	6.18		32.9	10.17
		△ c	3.71	4.32	4.94	5.56	6.18	7.41							6.7	8.27
		△ u	4.28	5.00	5.71	6.42	7.14	8.56	11.42	14.27	17.13				14.6	20.89
3.33	600	△ c	11.42	13.32	15.23										4.5	17.01



	Bearing Bar	No bars	Bearing Bar	Open	% Open	Approx.
Series	Thickness	Meter	Center	Space	Area	Weight
R9700	25.4	3.32	301.6	293.7	97	2.0 Kg
						Per
						Sq. Meter

A = 0.67 x 10⁴ mm²/Meter of Width
I = 0.36 x 10⁵ mm⁴/Meter of Width

S = 0.29 x 10⁴ mm³/Meter of Width