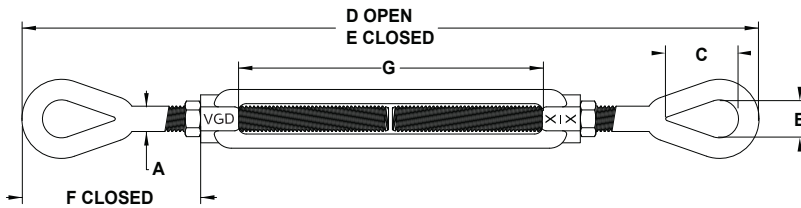


ELECTRICAL & MECHANICAL

EYE & EYE FORGED TURNBUCKLES WITH LOCKNUTS



- Meeting the requirements of U.S. Fed. Spec. FF-T-791B Type 1, Form 1 (open body)
- Permanently embossed with R, L, VGD© and size for traceability to meet ASME B30.26
- Hexagon heads forged into bodies permit fast and easy adjustments
- Forged carbon steel, bodies heat treated by normalizing, end-fitting quenched & tempered
- Hot dipped galvanized
- UNC Threads
- Design factor proof load 2.5:1, ultimate load 5:1



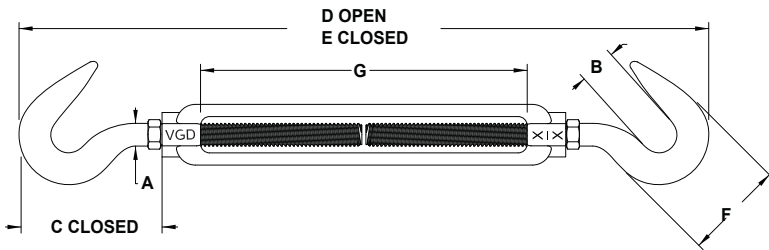
Dimensions (inches)						Approx. Weight (lbs)	WLL (lbs)	Vanguard Code
Diameter x Take-Up A x G	B	C	D Open	E Closed	F Closed			
1/4 x 4	0.32	0.75	12.18	8.83	1.78	0.26	500	2920 10161
5/16 x 4-1/2	0.43	0.90	14.09	9.67	2.11	0.45	800	2920 10201
3/8 x 6	0.52	0.93	18.10	12.20	2.57	0.76	1,200	2920 10241
1/2 x 6	0.72	1.13	19.57	14.22	3.36	1.54	2,200	2920 10321
1/2 x 9	0.69	1.44	26.90	16.90	3.27	1.13	2,200	2920 20321
1/2 x 12	0.72	1.40	31.85	20.00	3.26	2.14	2,200	2920 30321
5/8 x 6	0.81	1.43	22.00	16.00	3.79	3.28	3,500	2920 10401
5/8 x 9	0.86	1.71	28.66	19.69	4.21	2.83	3,500	2920 20401
5/8 x 12	0.88	1.74	34.93	21.69	3.90	3.42	3,500	2920 30401
3/4 x 6	0.96	1.81	23.66	17.72	4.67	4.61	5,200	2920 10481
3/4 x 9	1.00	2.07	31.10	20.64	4.70	4.61	5,200	2920 20481
3/4 x 12	1.00	2.09	37.10	23.66	4.69	5.48	5,200	2920 30481
3/4 x 18	0.94	2.10	47.40	30.39	4.97	7.19	5,200	2920 40481
7/8 x 12	1.26	2.07	38.56	24.80	5.11	7.22	7,200	2920 30561
7/8 x 18	1.25	2.38	50.57	30.82	5.10	9.95	7,200	2920 40561
1 x 12	1.45	2.38	41.97	27.80	6.37	11.50	10,000	2920 31001
1 x 18	1.35	3.01	51.20	34.60	6.75	14.00	10,000	2920 41001
1 x 24	1.41	3.00	64.29	41.73	7.46	17.25	10,000	2920 51001
1-1/4 x 12	1.76	3.49	43.18	31.10	8.10	19.00	15,200	2920 31161
1-1/4 x 18	1.81	3.56	57.07	36.56	7.72	23.00	15,200	2920 41161
1-1/2 x 12	2.14	4.13	45.28	35.04	9.55	27.50	21,400	2920 31321
1-1/2 x 18	2.12	4.07	60.01	39.00	8.63	31.00	21,400	2920 41321
1-1/2 x 24	2.12	4.06	72.00	45.00	8.62	37.50	21,400	2920 51321
2 x 24	2.69	5.75	79.19	55.19	13.09	82.25	37,000	2920 52001

For reference only

ELECTRICAL & MECHANICAL

HOOK & HOOK FORGED TURNBUCKLES WITH LOCKNUTS

- Meeting the requirements of U.S. Fed. Spec. FF-T-791B Type 1, Form 1 (open body)
- Permanently embossed with R, L, VGD© and size for traceability to meet ASME B30.26
- Hexagon heads forged into bodies permit fast and easy adjustments
- Forged carbon steel, bodies heat treated by normalizing, end-fitting quenched & tempered
- Hot dipped galvanized
- UNC Threads
- Design factor proof load 2.5:1, ultimate load 5:1



Diameter x Take-Up A x G	Dimensions (inches)					Approx. Weight (lbs)	WLL (lbs)	Vanguard Code
	B	C Closed	D Open	E Closed	F			
1/4 x 4	0.49	1.58	11.94	7.94	1.33	0.30	400	2923 10161
5/16 x 4-1/2	0.50	1.92	13.79	9.30	1.50	0.47	700	2923 10201
3/8 x 6	0.56	2.23	17.45	11.62	1.74	0.78	1,000	2923 10241
1/2 x 6	0.78	3.08	19.56	13.38	2.28	1.60	1,500	2923 10321
1/2 x 9	0.71	3.23	24.61	16.93	3.19	1.83	1,500	2923 20321
1/2 x 12	0.77	3.25	31.50	19.38	2.24	2.28	1,500	2923 30321
5/8 x 6	0.91	3.69	22.51	15.25	2.81	2.75	2,250	2923 10401
5/8 x 9	0.85	3.93	27.00	18.50	2.71	3.38	2,250	2923 20401
5/8 x 12	0.84	3.47	32.80	21.18	2.70	3.50	2,250	2923 30401
3/4 x 6	0.99	4.52	24.78	17.29	3.33	3.89	3,000	2923 10481
3/4 x 9	0.99	4.36	30.87	20.28	3.33	5.28	3,000	2923 20481
3/4 x 12	1.01	4.36	34.75	23.25	3.15	5.43	3,000	2923 30481
3/4 x 18	0.98	4.52	48.79	28.28	3.33	8.12	3,000	2923 40481
7/8 x 12	1.13	5.19	38.76	25.00	3.79	8.10	4,000	2923 30561
7/8 x 18	1.13	5.19	50.85	31.00	3.78	9.95	4,000	2923 40561
1 x 12	1.27	6.12	38.20	26.77	3.99	11.93	5,000	2923 31001
1 x 18	1.25	5.85	52.36	32.69	4.25	14.00	5,000	2923 41001
1 x 24	1.25	5.87	64.69	38.70	4.26	17.25	5,000	2923 51001
1-1/4 x 12	1.51	7.22	44.06	29.58	5.13	20.58	6,500	2923 31161
1-1/4 x 18	1.51	7.22	56.07	35.56	5.15	23.00	6,500	2923 41161
1-1/2 x 12	1.88	8.36	47.45	32.44	5.75	27.50	7,500	2923 31321
1-1/2 x 18	1.89	8.35	59.45	38.45	5.75	31.00	7,500	2923 41321
1-1/2 x 24	1.90	8.38	71.45	44.45	5.75	37.50	7,500	2923 51321

For reference only