

# Hook & Eye Turnbuckles



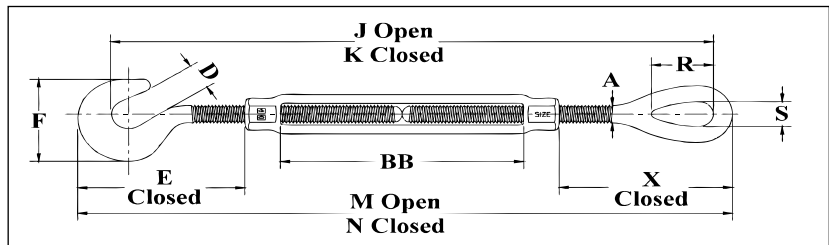
**Fatigue Rated**

## HG-225



- End fittings are Quenched and Tempered or Normalized, bodies heat treated by normalizing.
- Hot Dip galvanized steel.
- Turnbuckle eyes are forged elongated, by design, to maximize easy attachment in system and minimize stress in the eye. For turnbuckles sizes 1/4" through 1", a shackle one size smaller can be reeved through eye.
- Turnbuckle hooks are forged with a greater cross sectional area that results in a stronger hook with better fatigue properties.
- Meets or exceeds all requirements of ASME B30.26 including identification, ductility, design factor, proof load and temperature requirements. Importantly, these turnbuckles meet other critical performance requirements including fatigue life, impact properties and material traceability, not addressed by ASME B30.26.
- TURNBUCKLES RECOMMENDED FOR STRAIGHT OR IN-LINE PULL ONLY.
- Modified UNJ thread on end fittings for improved fatigue properties.
- Body has UNC threads.
- Lock Nuts available for all sizes (see page 194).
- Comprehensive end fitting data provided on pages 190 & 191.
- Fatigue Rated.

Meets the performance requirements of Federal Specifications FF-T-791b, Type 1, Form 1 — CLASS 6, and ASTM F-1145, except for those provisions required of the contractor. For additional information, see page 444.



## HG-225 Hook & Eye

Thread Dia. & Take Up (in.)	HG-225 Stock No.	Working Load Limit (lbs)*	Weight Each (lbs.)	Dimensions (in)											
				A	D	E Closed	F	J Open	K Closed	M Open	N Closed	R	S	X Closed	BB
† 1/4 x 4	1030636	400	.31	.25	.44	1.67	1.27	11.66	7.66	12.29	8.29	.81	.34	1.76	4.07
† 5/16 x 4-1/2	1030654	700	.50	.31	.50	2.00	1.50	13.50	9.00	14.28	9.78	.95	.44	2.20	4.58
† 3/8 x 6	1030672	1000	.79	.38	.56	2.28	1.76	17.09	11.09	18.04	12.04	1.13	.53	2.48	6.10
1/2 x 6	1030690	1500	1.80	.50	.65	3.53	2.28	19.57	13.57	20.79	14.79	1.41	.71	3.56	6.03
1/2 x 12	1030734	1500	2.70	.50	.65	3.51	2.28	31.86	19.86	33.08	21.08	1.41	.71	3.54	12.36
5/8 x 6	1030752	2250	2.98	.63	.90	4.24	2.81	21.11	15.11	22.61	16.61	1.80	.88	4.35	6.03
5/8 x 12	1030798	2250	4.35	.63	.90	4.23	2.81	33.45	21.45	34.95	22.95	1.80	.88	4.34	12.39
3/4 x 6	1030814	3000	4.21	.75	.98	5.07	3.33	22.61	16.61	24.45	18.45	2.09	1.00	5.12	6.13
3/4 x 12	1030850	3000	6.52	.75	.98	5.04	3.33	35.01	23.01	36.85	24.85	2.09	1.00	5.09	12.59
3/4 x 18	1030878	3000	8.24	.75	.98	5.07	3.33	47.01	29.01	48.85	30.85	2.09	1.00	5.12	18.53
7/8 x 12	1030896	4000	9.34	.88	1.13	5.82	3.78	36.11	24.11	38.23	26.23	2.38	1.25	5.79	12.16
1 x 12	1030958	5000	13.9	1.00	1.25	6.56	4.25	37.65	25.65	40.06	28.06	3.00	1.43	6.50	12.18

\*Proof Load is 2.5 times the Working Load Limit. Ultimate Load is 5 times the Working Load Limit.

† Mechanical Galvanized