

Eye & Eye Turnbuckles



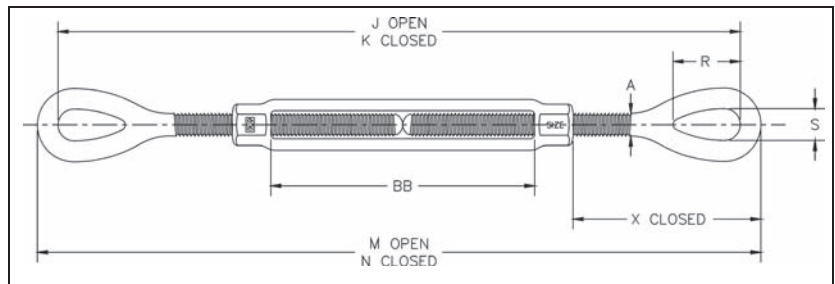
Fatigue Rated

HG-226



Meets the performance requirements of Federal Specifications FF-T-791b, Type 1, Form 1 - CLASS 4, and ASTM F-1145, except for those provisions required of the contractor. For additional information, see page 450.

- 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 turnbuckle sizes 6 mm through 64 mm, a shackle one size smaller can be reeved through eye.
- Modified UNJ thread on end fittings for improved fatigue properties. Body has UNC threads.
- 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.
- Lock Nuts available for all sizes (see page 178).
- Comprehensive end fitting data provided on page 175.
- Fatigue Rated.



HG-226

Eye & Eye

Thread Diameter & Take Up (mm)	HG-226 Stock No.	Working Load Limit (t)*	Weight Each (kg)	Dimensions (mm)								
				A	J Open	K Closed	M Open	N Closed	R	S	X Closed	BB
† 6.35 x 102	1031252	.23	.13	6.35	303	202	314	213	20.6	8.64	44.6	103
† 7.94 x 114	1031270	.36	.22	7.94	354	239	368	253	24.1	11.2	55.8	116
† 9.53 x 152	1031298	.54	.34	9.53	446	294	463	311	28.7	13.5	62.9	155
12.7 x 152	1031314	1.00	.78	12.7	506	354	529	376	35.8	18.0	90.4	153
12.7 x 305	1031350	1.00	1.19	12.7	819	514	841	536	35.8	18.0	89.9	314
15.9 x 152	1031378	1.59	1.25	15.9	552	399	577	425	45.7	22.4	110	153
15.9 x 305	1031412	1.59	1.87	15.9	865	560	891	586	45.7	22.4	110	315
19.1 x 152	1031430	2.36	1.91	19.1	590	438	622	470	53.1	25.4	130	156
19.1 x 305	1031476	2.36	2.78	19.1	905	600	937	632	53.1	25.4	129	320
19.1 x 457	1031494	2.36	3.55	19.1	1210	753	1242	785	53.1	25.4	130	471
22.2 x 305	1031519	3.27	4.01	22.2	932	627	970	665	60.5	31.8	147	309
22.2 x 457	1031537	3.27	5.22	22.2	1249	792	1287	830	60.5	31.8	147	473
25.4 x 152	1031555	4.54	4.36	25.4	666	514	711	559	76.2	36.3	165	157
25.4 x 305	1031573	4.54	5.88	25.4	971	666	1016	711	76.2	36.3	165	309
25.4 x 457	1031591	4.54	7.40	25.4	1276	819	1321	864	76.2	36.3	165	462
25.4 x 610	1031617	4.54	9.14	25.4	1596	987	1641	1031	76.2	36.3	164	631
31.8 x 305	1031635	6.89	9.01	31.8	1070	766	1127	822	91.2	46.2	216	306
31.8 x 457	1031653	6.89	10.8	31.8	1375	918	1432	975	91.2	46.2	216	459
31.8 x 610	1031671	6.89	12.6	31.8	1694	1085	1751	1141	91.2	46.2	216	625
38.1 x 305	1031699	9.71	13.0	38.1	1124	819	1187	882	104	53.8	240	313
38.1 x 457	1031715	9.71	15.4	38.1	1428	971	1492	1035	104	53.8	240	465
38.1 x 610	1031733	9.71	17.9	38.1	1749	1139	1813	1203	104	53.8	240	633
44.5 x 457	1031779	12.7	23.0	44.5	1457	1000	1534	1076	118	60.5	253	467
44.5 x 610	1031797	12.7	26.4	44.5	1762	1153	1838	1229	118	60.5	253	619
51.0 x 610	1031813	16.8	37.9	50.8	1922	1313	2011	1402	148	68.3	331	622
63.5 x 610	1031831	27.2	67.4	63.5	2011	1402	2113	1503	165	79.2	350	625
70.0 x 610	1031859	34.0	79.1	69.9	2066	1456	2180	1571	178	82.6	383	626

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

† Mechanical Galvanized