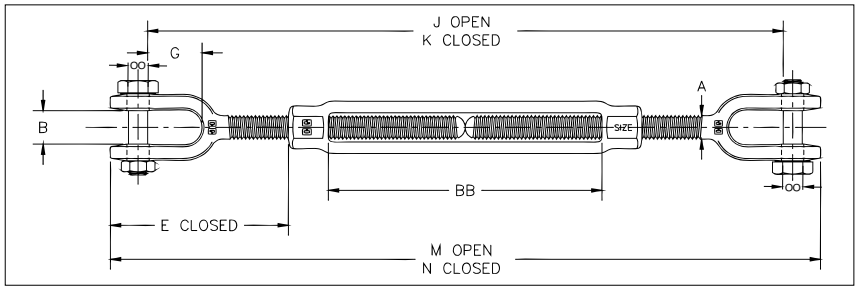
HG-228

- End fittings are Quenched & Tempered or normalized, bodies heat-treated by normalizing.
- Hot-dip Galvanized steel.
- TURNBUCKLES RECOMMENDED FOR STRAIGHT OR IN-LINE PULL ONLY.
- Forged jaw ends are fitted with bolts and nuts for 6 mm through 16 mm, and pins and cotters on 19 mm through 70 mm sizes.
- Modified UNJ thread on end fittings for improved fatigue properties.
- Body has UNC threads.
- Lock nuts available for all sizes.
- Fatigue rated to 20,000 cycles at 1-1/2 times the Working Load Limit.
- 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.
- Meets the performance requirements of Federal Specifications FF-T-791b, Type 1 Form 1 - CLASS 7, and ASTM F-1145, except for those provisions required of the contractor. For additional information, see Warnings & Applications.



APPLICATION AND WARNING INFORMATION
SECTION 17

10

HG-228 Jaw & Jaw

Thread Dia. & Take Up (in)	Stock No.	Working Load Limit (t)	Weight Each (kg)	Dimensions (mm)									Replacement Pin Kit Stock No.
				00	B	E Closed	G	J Open	K Closed	M Open	N Closed	BB	
* 5/16 x 4-1/2	1032518	.36	.25	6.35	12.7	51.2	22.0	332	218	359	244	116	1089654
* 3/8 x 6	1032536	.54	.39	7.87	13.5	53.5	21.5	413	260	445	292	155	1089672
1/2 x 6	1032554	1.00	.83	9.40	16.3	81.8	27.1	474	321	512	359	153	1089690
1/2 x 9	1032572	1.00	1.04	9.40	16.3	81.3	27.1	633	405	671	443	238	1089690
1/2 x 12	1032590	1.00	1.23	9.40	16.3	81.3	27.1	786	481	824	519	314	1089690
5/8 x 6	1032616	1.59	1.46	12.7	20.1	99.1	33.5	501	349	554	402	153	1089716
5/8 x 9	1032634	1.59	1.79	12.7	20.1	98.8	33.5	662	434	715	487	239	1089716
5/8 x 12	1032652	1.59	2.08	12.7	20.1	98.8	33.5	815	510	868	563	315	1089716
3/4 x 6	1032670	2.36	2.18	16.0	24.6	120	38.5	536	383	601	449	156	1097770
3/4 x 9	1032698	2.36	2.65	16.0	24.6	119	38.5	698	470	764	535	244	1097770
3/4 x 12	1032714	2.36	3.05	16.0	24.6	119	38.5	851	546	916	612	320	1097770
3/4 x 18	1032732	2.36	3.83	16.0	24.6	120	38.5	1155	698	1221	764	471	1097770
7/8 x 12	1032750	3.27	4.25	19.1	29.5	140	44.8	880	575	956	651	309	1097789
7/8 x 18	1032778	3.27	5.34	19.1	29.5	140	44.8	1197	740	1272	815	473	1097789
1 x 6	1032796	4.54	4.74	22.4	34.0	155	52.1	605	453	690	538	157	1097761
1 x 12	1032812	4.54	6.25	22.4	34.0	155	52.1	910	605	995	690	309	1097761
1 x 18	1032830	4.54	7.77	22.4	34.0	155	52.1	1215	757	1300	843	462	1097761
1 x 24	1032858	4.54	9.51	22.4	34.0	154	52.1	1535	925	1620	1010	631	1097761
1-1/4 x 12	1032876	6.89	9.94	28.7	46.7	205	71.5	1000	695	1107	802	306	1097798
1-1/4 x 18	1032894	6.89	11.7	28.7	46.7	205	71.5	1305	848	1412	955	459	1097798
1-1/4 x 24	1032910	6.89	13.5	28.7	46.7	205	71.5	1624	1014	1731	1121	625	1097798
1-1/2 x 12	1032938	9.71	14.8	35.1	52.3	227	71.4	1035	731	1160	855	313	1097805
1-1/2 x 18	1032956	9.71	17.2	35.1	52.3	227	71.4	1340	883	1465	1008	465	1097805
1-1/2 x 24	1032974	9.71	19.7	35.1	52.3	227	71.4	1661	1051	1786	1176	633	1097805
1-3/4 x 18	1033018	12.7	24.3	41.4	66.0	238	85.0	1355	898	1503	1045	467	1097814
1-3/4 x 24	1033036	12.7	27.7	41.4	66.0	238	85.0	1660	1050	1807	1198	619	1097814
2 x 24	1033054	16.8	43.7	50.8	66.5	300	95.0	1769	1159	1949	1339	622	1097823
2-1/2 x 24	1033072	27.2	75.9	57.2	77.7	337	113	1853	1244	2087	1478	625	1097832
2-3/4 x 24	1033090	34.0	90.1	69.9	93.7	379	106	1899	1289	2172	1562	626	1087674

5:1 Design Factor. Proof Load is 2.5 times the Working Load Limit. *Mechanical galvanized