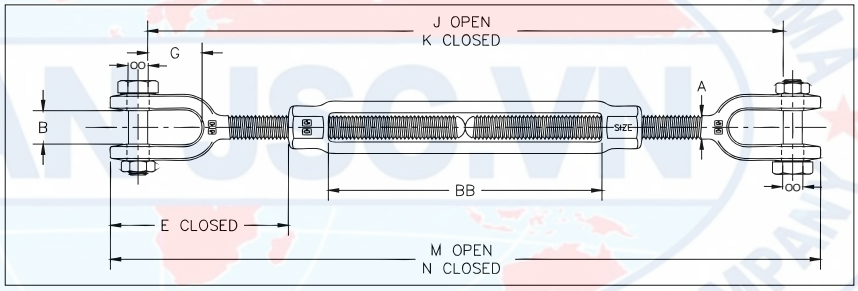


HG-228

- 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)								
				A	B	E Closed	G	J Open	K Closed	M Open	N Closed	BB
* 5/16 x 4-1/2	1032518	.36	.25	7.94	12.7	51.2	22.0	332	218	359	244	116
* 3/8 x 6	1032536	.54	.39	9.53	13.5	53.5	21.5	413	260	445	292	155
1/2 x 6	1032554	1.00	.83	12.7	16.3	81.8	27.1	474	321	512	359	153
1/2 x 9	1032572	1.00	1.04	12.7	16.3	81.3	27.1	633	405	671	443	238
1/2 x 12	1032590	1.00	1.23	12.7	16.3	81.3	27.1	786	481	824	519	314
5/8 x 6	1032616	1.59	1.46	15.9	20.1	99.1	33.5	501	349	554	402	153
5/8 x 9	1032634	1.59	1.79	15.9	20.1	98.8	33.5	662	434	715	487	239
5/8 x 12	1032652	1.59	2.08	15.9	20.1	98.8	33.5	815	510	868	563	315
3/4 x 6	1032670	2.36	2.18	19.1	24.6	120	38.5	536	383	601	449	156
3/4 x 9	1032698	2.36	2.65	19.1	24.6	119	38.5	698	470	764	535	244
3/4 x 12	1032714	2.36	3.05	19.1	24.6	119	38.5	851	546	916	612	320
3/4 x 18	1032732	2.36	3.83	19.1	24.6	120	38.5	1155	698	1221	764	471
7/8 x 12	1032750	3.27	4.25	22.2	29.5	140	44.8	880	575	956	651	309
7/8 x 18	1032778	3.27	5.34	22.2	29.5	140	44.8	1197	740	1272	815	473
1 x 6	1032796	4.54	4.74	25.4	34.0	155	52.1	605	453	690	538	157
1 x 12	1032812	4.54	6.25	25.4	34.0	155	52.1	910	605	995	690	309
1 x 18	1032830	4.54	7.77	25.4	34.0	155	52.1	1215	757	1300	843	462
1 x 24	1032858	4.54	9.51	25.4	34.0	154	52.1	1535	925	1620	1010	631
1-1/4 x 12	1032876	6.89	9.94	31.8	46.7	205	71.5	1000	695	1107	802	306
1-1/4 x 18	1032894	6.89	11.7	31.8	46.7	205	71.5	1305	848	1412	955	459
1-1/4 x 24	1032910	6.89	13.5	31.8	46.7	205	71.5	1624	1014	1731	1121	625
1-1/2 x 12	1032938	9.71	14.8	38.1	52.3	227	71.4	1035	731	1160	855	313
1-1/2 x 18	1032956	9.71	17.2	38.1	52.3	227	71.4	1340	883	1465	1008	465
1-1/2 x 24	1032974	9.71	19.7	38.1	52.3	227	71.4	1661	1051	1786	1176	633
1-3/4 x 18	1033018	12.7	24.3	44.5	66.0	238	85.0	1355	898	1503	1045	467
1-3/4 x 24	1033036	12.7	27.7	44.5	66.0	238	85.0	1660	1050	1807	1198	619
2 x 24	1033054	16.8	43.7	50.8	66.5	300	95.0	1769	1159	1949	1339	622
2-1/2 x 24	1033072	27.2	75.9	63.5	77.7	337	113	1853	1244	2087	1478	625
2-3/4 x 24	1033090	34.0	90.1	69.9	93.7	379	106	1899	1289	2172	1562	626

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

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