



LINGATEC SOLUÇÃO EM MOVIMENTAÇÃO DE CARGAS LTDA
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Green Pin Polar® JJ Turnbuckle BN

Grade 8 turnbuckle with jaw-jaw end-fitting and safety bolt for use under low temperatures, generally to ASTM F1145-92



G-6333

- **Material:** drop forged alloy steel, grade 8, quenched and tempered
- **Safety factor:** MBL equals 5 x WLL
- **Standard:** generally to ASTM F1145-92
formerly U.S. Federal Specification FF-T-791b
- **Finish:** hot dipped galvanized
- **Temperature Range:** -40°C up to +200°C
- **Certification:** 2.1 2.2 3.1 MTC^a CE
- **Note:** jaw ends up to and including 5/8" are fitted with bolts and nuts, sizes 3/4" and up are equipped with bolts, nuts and cotter pins

working load limit	diameter thread	take up	length closed position	length open position	length closed position	opening jaw	length inside	diameter pin	thickness jaw eye	diameter jaw eye	weight each
t	a inch	inch	b mm	c mm	d mm	e mm	f mm	g mm	h mm	i mm	kg
1	1/2	12	455	740	494	16	26	10	11	25	1.50
1.59	5/8	12	498	774	557	18	32	13	14	33	2.32
2.36	3/4	18	670	1096	740	24	38	16	16	41	4.57
3.27	7/8	18	713	1132	790	27	42	19	19	48	6.5
4.54	1	18	750	1168	835	31	50	22	20	54	8.4
6.9	1 1/4	18	805	1230	910	44	71	28	26	68	13.6
9.71	1 1/2	18	825	1244	956	52	71	35	28	80	21.1
12.7	1 3/4	18	938	1316	1092	60	86	41	33	90	30

In inch

working load limit	diameter thread	take up	length closed position	length open position	length closed position	opening jaw	length inside	diameter pin	thickness jaw eye	diameter jaw eye	weight each
t	a inch	inch	b inch	c inch	d inch	e inch	f inch	g inch	h inch	i inch	lbs
1	1/2	12	17 15/16	29 1/8	19 1/2	5/8	1 1/32	13/32	7/16	1	3.31
1.59	5/8	12	19 5/8	30 7/16	21 15/16	23/32	1 9/32	1/2	9/16	1 5/16	5.11
2.36	3/4	18	26 11/32	43 5/32	29 1/8	15/16	1 17/32	5/8	5/8	1 5/8	10.08
3.27	7/8	18	28 1/32	44 9/16	31 3/32	1 3/32	1 11/16	3/4	3/4	1 29/32	14.33
4.54	1	18	29 17/32	46	32 7/8	1 1/4	1 31/32	7/8	25/32	2 1/8	18.52
6.9	1 1/4	18	31 23/32	48 7/8	35 13/16	1 3/4	2 25/32	1 1/8	1 1/32	2 11/16	30
9.71	1 1/2	18	32 1/2	48 31/32	37 5/8	2 1/32	2 25/32	1 3/8	1 1/8	3 5/32	46.5
12.7	1 3/4	18	36 29/32	51 13/16	43	2 11/32	3 3/8	1 5/8	1 5/16	3 9/16	66.1

Type 2.1	2.1	Works certificate to EN 10204 Statement of compliance with the order.
Type 2.2	2.2	Works certificate to EN 10204 Statement of compliance with the order, stating the results of non-specific inspection.
Type 3.1	3.1	Inspection certificate to EN 10204 Statement of compliance with the order, stating the results of material specific inspection. This includes chemical composition and mechanical properties at component level.
Type MTC a	MTC ^a	Manufacturer test certificate Statement of compliance with the order, stating the results of proof load testing samples of a production batch. Products are not individually tested.
Type CE	CE	CE declaration of conformity CE Declaration of Conformity in accordance with annex IIA of the machine directive 2006/42/EC and the latest amendments.