

# Turnbuckle

Turnbuckles are normally used for rigging or tensioning of wires, ropes, rods etc. They are designed for straight / in-line rigging, tensioning or lashing.



## Certification

Green Pin® turnbuckles are manufactured to ASTM F1145-92, formerly U.S. Fed. Spec. FF-T-791, and have a safety factor of 5 to 1. The Green Pin® turnbuckles are drop forged.

Turnbuckles can be equipped with the following end fittings: eye/eye, hook/hook, hook/eye, jaw/jaw and jaw/eye. All parts are interchangeable, locking nuts are supplied with all sizes.

Rigging screws generally to DIN 1480 are available with welding ends and in hook/eye, eye/eye, hook/hook and jaw/jaw combinations.

Closed body rigging screws are available in jaw/jaw, jaw/eye and eye/eye combinations.

### Material:

Drop forged high tensile steel  
SAE 1035 or 1045

### Standard:

Generally to ASTM F1145-92  
formerly U.S. Federal Specification FF-T-791b

### Certification:

a works certificate, proof load  
test certificate and/or EC Declaration of Conformity  
can be supplied upon request

### Safety Factor:

MBL equals 5 x WLL

### Finish:

Hot dipped galvanized

## Wide Range

- Load rated Green Pin® turnbuckles
- Open body rigging screws generally to DIN 1480
- Rigging screws with welding ends;
- Closed body rigging screws
- Special turnbuckles for lashing (hamburgers).

# Jaw-Jaw Turnbuckle

## Specifications

Load Limit (tons)	Diameter Bow (mm)	Diameter Pin (mm)	Diameter Eye (mm)	Width Eye (mm)	Width Inside (mm)	Length Inside (mm)	Width Bow (mm)	Length (mm)	Length Bolt (mm)	Width (mm)	Weight Each (kg)
2.36	3/4	6	368	487	438	24	38	16	16	41	2.68
2.36	3/4	9	442	639	512	24	38	16	16	41	3.03
2.36	3/4	12	518	791	588	24	38	16	16	41	3.29
2.36	3/4	18	671	1095	740	24	38	16	16	41	3.65
3.27	7/8	12	559	825	636	27	42	19	19	48	4.90
3.27	7/8	18	712	1131	789	27	42	19	19	48	5.95
4.54	1	6	447	555	532	30	50	22	20	55	5.21
4.54	1	12	598	859	683	30	50	22	20	55	6.96
4.54	1	18	750	1164	835	30	50	22	20	55	8.40
4.54	1	24	902	1469	987	30	50	22	20	55	8.90
6.90	1-1/4	12	641	916	748	44	71	29	26	68	11.90
6.90	1-1/4	18	793	1218	900	44	71	29	26	68	13.60
6.90	1-1/4	24	961	1538	1069	44	71	29	26	68	14.20
9.71	1-1/2	12	675	941	806	52	71	35	28	80	16.90
9.71	1-1/2	18	825	1244	956	52	71	35	28	80	19.30
9.71	1-1/2	24	980	1550	1111	52	71	35	28	80	20.70
12.7	1-3/4	18	933	1310	1095	59	86	42	33	90	25.00
12.7	1-3/4	24	1084	1614	1246	59	86	42	33	90	28.70
16.8	2	24	1153	1672	1338	63	93	51	41	108	45.40
27.2	2-1/2	24	1254	1830	1479	75	114	57	41	143	88.00
34.00	2-3/4	24	1305	1878	1561	90	110	70	41	158	98.00

HARDWARE | JAW-JAW TURNBUCKLE

MATERIALS

