

TURNBUCKLES

WORKING LOAD LIMIT: 400 TO 21,400 LBS.

BENEFITS & FEATURES

- Turnbuckles can be used to apply tension to wire rope or cable.
- Composed of a forged body and two end fittings. End fittings can be eyes, jaws, or hooks.
- Must only be applied to loads within their working load limit as specified for the particular end fitting being applied.
- Apply turnbuckles in a straight in-line manner only. Do not allow anything to contact the turnbuckle body or end attachment threaded shanks.
- Apply load to the center of end attachment eyes and bowl of hooks. Do not tip load hooks or side load eyes.
- Design factor 5:1



Eye & Eye		Jaw & Eye		Jaw & Jaw		Thread Diameter (in.)	Take Up (in.)	WLL (lbs.)	Weight (lbs.)
Product Code	Weight (lbs.)	Product Code	Weight (lbs.)	Product Code	Weight (lbs.)				
0404EE	0.3	0404JE	0.3	0404JJ	0.4	1/4	4	500	0.4
0504EE	0.5	0504JE	0.5	0504JJ	0.6	5/16	4.5	800	0.6
0606EE	0.8	0606JE	0.9	0606JJ	0.9	3/8	6	1,200	0.9
0806EE	1.5	0806JE	1.7	0806JJ	1.8	1/2	6	2,200	1.8
0809EE	1.9	0809JE	2.0	0809JJ	2.1	1/2	9	2,200	2.1
0812EE	2.3	0812JE	2.4	0812JJ	2.4	1/2	12	2,200	2.4
1006EE	2.5	1006JE	3.0	1006JJ	3.0	5/8	6	3,500	3.0
1009EE	3.3	1009JE	3.5	1009JJ	3.7	5/8	9	3,500	3.7
1012EE	3.8	1012JE	4.0	1012JJ	4.2	5/8	12	3,500	4.2
1206EE	3.9	1206JE	4.3	1206JJ	4.6	3/4	6	5,200	4.6
1209EE	4.8	1209JE	5.1	1209JJ	5.4	3/4	9	5,200	5.4
1212EE	5.4	1212JE	5.7	1212JJ	6.0	3/4	12	5,200	6.0
1218EE	7.0	1218JE	7.3	1218JJ	7.7	3/4	18	5,200	7.7
1412EE	7.4	1412JE	7.9	1412JJ	8.4	7/8	12	7,200	8.4
1418EE	9.6	1418JE	10.2	1418JJ	10.7	7/8	18	7,200	10.7
1606EE	9.0	1606JE	9.4	1606JJ	9.7	1	6	10,000	9.7
1612EE	11.2	1612JE	11.6	1612JJ	11.9	1	12	10,000	11.9
1618EE	13.8	1618JE	14.3	1618JJ	14.8	1	18	10,000	14.8
1624EE	17.1	1624JE	17.6	1624JJ	18.2	1	24	10,000	18.2
2012EE	20.9	-	-	2012JJ	23.8	1-1/4	12	15,200	23.8
2018EE	25.7	-	-	2018JJ	27.5	1-1/4	18	15,200	27.5
2024EE	29.7	-	-	2024JJ	33.7	1-1/4	24	15,200	33.7
2412EE	29	-	-	2412JJ	38.1	1-1/2	12	21,400	38.1
2418EE	35.2	-	-	2418JJ	44.2	1-1/2	18	21,400	44.2
2424EE	40.7	-	-	2424JJ	48.4	1-1/2	24	21,400	48.4

CARE & INSPECTION

Inspect turnbuckles before use for bent components and worn threads. Do not use if body or end fitting is bent more than 10° from the axial center line. Do not use if threads are visibly worn or feel loose. If in doubt, consult a rigging handbook or discuss with a qualified person.

⚠ WARNING

Improper use or care of turnbuckles can result in bodily injury or property damage. To avoid injury:

- ▲ Inspect turnbuckles for distortion and wear.
- ▲ Do not use if anything is in contact with the turnbuckle body or an end fitting.
- ▲ Only apply load to center of eyes and bowl of hooks.
- ▲ Do not exceed working load limit.



TURNBUCKLE LOCK NUTS

Size (in.)	Product Code		Weight (lbs.)
	Right Hang Nut	Left Hang Nut	
1/4	3X845	3X845L	0.005
5/16	-	-	0.008
3/8	3X847	-	0.010
1/2	3X849R	3X849L	0.030
5/8	-	3X850L	0.050
3/4	-	3X851L	0.090
7/8	-	3X852L	0.130
1	-	3X853L	0.200
1-1/4	-	3X855L	0.410
1-1/2	-	3X866L	0.700

Imported. Hot Dip Galvanized.

Imported.

Product Code		Thread Diameter (in.)	Take Up (in.)	WLL (lbs.)	Weight (lbs.)
Hook & Eye	Hook & Hook				
0404HE	0404HH	1/4	4	400	-
0504HE	0504HH	5/16	4-1/2	700	-
0606HE	0606HH	3/8	6	1,000	0.8
0806HE	0806HH	1/2	6	1,500	1.5
0809HE	0809HH	1/2	9	1,500	1.9
0812HE	0812HH	1/2	12	1,500	2.3
1006HE	1006HH	5/8	6	2,250	2.5
1009HE	1009HH	5/8	9	2,250	3.3
1012HE	1012HH	5/8	12	2,250	3.8
1206HE	-	3/4	6	3,000	3.9
1209HE	1209HH	3/4	9	3,000	4.8
1212HE	1212HH	3/4	12	3,000	5.4
1218HE	-	3/4	18	3,000	7.0
-	-	7/8	12	4,000	7.4
-	1418HH	7/8	18	4,000	9.6
-	-	1	6	5,000	9.0
1612HE	1612HH	1	12	5,000	11.2
1618HE	1618HH	1	18	5,000	13.8
-	-	1	24	5,000	17.1
2418HE	2418HH	1-1/2	18	7,500	31.2
2424HE	2424HH	1-1/2	24	7,500	38.2

Imported.