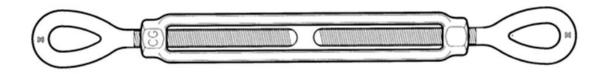
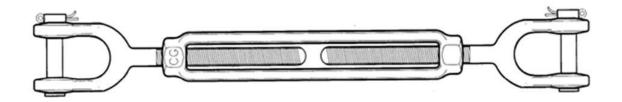
TURNBUCKLES



EYE AND EYE TURNBUCKLE



JAW AND JAW TURNBUCKLE

HOOK TURNBUCKLES SHOULD BE USED ONLY IN NON-LIFTING APPLICATIONS



Grosby RIGGING HARDWARE

Crosby

WIRE ROPE CLIPS



CrosbyTURNBUCKLES

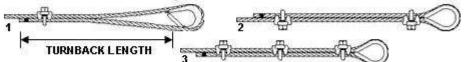


SIZE		EFFICIENCY	NUMBER OF	TURNBACK	TORQUE	SIZE		WLL (t)	WLL (t)
INCH	MM		CLIPS	LENGTH MM	Nm	INCH	ММ	JAW AND EYE D.F. 5/1	HOOK END FITTING D.F. 5/1
1/8	3 - 4	80%	2	85	6.1	1/4	6.3	230	180
3/16	5	80%	2	95	10.2	5/16	8	360	320
1/4	6 - 7	80%	2	120	20.3	3/8	9.5	540	450
5/16	8	80%	2	133	40.7	1/2	13	1.000	680
3/8	9 - 10	80%	2	165	61	5/8	16	1.590	1.020
7/16	11	80%	2	178	88	3/4	19	2.360	1.360
1/2	12 - 13	80%	3	292	88	7/8	22	3.270	1.810
9/16	14 - 15	80%	3	305	129	1	25	4.540	2.270
5/8	16	80%	3	305	129	1-1/4	32	6.890	(44)
3/4	18 - 20	80%	4	460	176	1-1/2	38	9.710	(140)
7/8	22	80%	4	480	305	1-3/4	45	12.700	2. (44)
1	24 - 26	90%	5	660	305	2	51	16.780	(E)

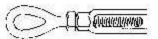
*APPLY U-BOLT OVER DEAD END OF THE WIRE ROPE, LIVE END OF THE ROPE RESTS IN THE SADDLE; NEVER SADDLE A DEAD HORSE!

*USE THE RECOMMENDED NUMBER OF CLIPS AND APPLY THE RECOMMENDED TORQUE AS SPECIFIED IN THE TABLE.

*A TERMINATION IS ONLY FINISHED WHEN IT HAS BEEN LOADED AT THE REQUIRED WLL AND THE NUTS HAVE BEEN RETORQUED A SECOND TIME.



THE USE OF LOCKNUTS OR MOUSING IS AN EFFECTIVE METHOD OF PREVENTING TURNBUCKLES FROM ROTATING.





REFER TO THE GOSTAL CATALOG FOR ADDITIONAL INFORMATION

RIGGING PRACTICES TURNBUCKLES

END FITTING THREADS SHALL BE FULLY ENGAGED, VERIFY BEFORE LOADING

COMPONENTS, INCLUDING PINS, BOLTS, NUTS, OR COTTER PINS USED WITH JAW ENDS, SHALL BE IN GOOD WORKING CONDITION

LOCKING NUTS SHALL BE COMPATIBLE WITH THE THREADS OF THE TURNBUCKLE END

AVOID CONTACT WITH OBSTRUCTIONS THAT COULD DAMAGE OR BEND THE TURNBUCKLE

(POH193M)



RIGGING PRACTICE TURNBUCKLES

LOAD APPLIED SHOULD BE IN LINE AND IN TENSION, TURNBUCKLES SHOULD NOT BE SIDE LOADED

SHOULD BE RIGGED OR SECURED TO PREVENT UNSCREWING DURING THE LIFT

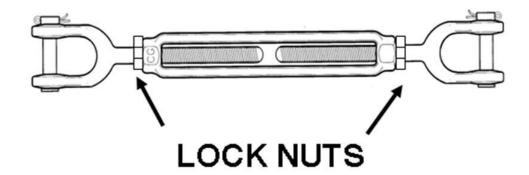
FOR LONG-TERM INSTALLATIONS, SECURE TO PREVENT UNSCREWING

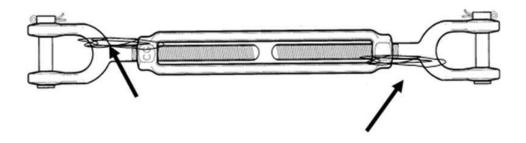
SHOULD BE ADJUSTED WITH A PROPERLY SIZED WRENCH, USED ON THE WRENCH FLATS OF THE TURNBUCKLE BODY

(POH193N)



SECURING TURNBUCKLES





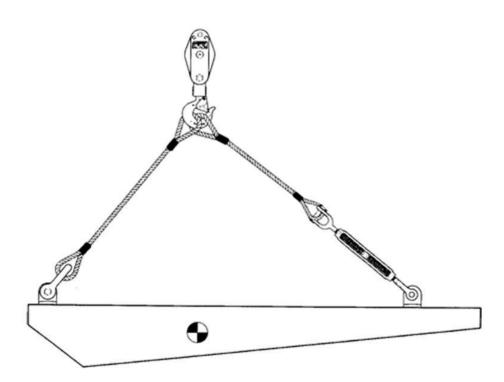
WIRED OR MOUSED



(POH660A)

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MULTIPLE LEG SLINGS LOAD EQUALIZATION

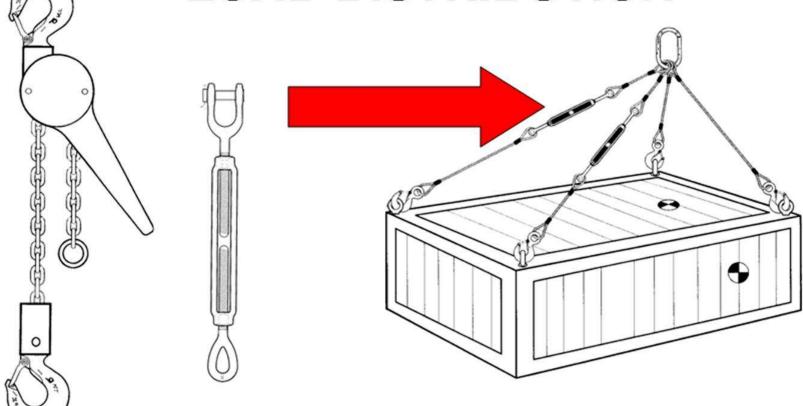


THE LOADS CAN BE EQUALIZED IF THE SLING LENGTH CAN BE ADJUSTED.



(POH297B)

MULTIPLE LEG SLINGS LOAD DISTRIBUTION



THE LOADS CAN BE PROPERLY DISTRIBUTED IF THE SLING LENGTH CAN BE ADJUSTED.



(POH297D)

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