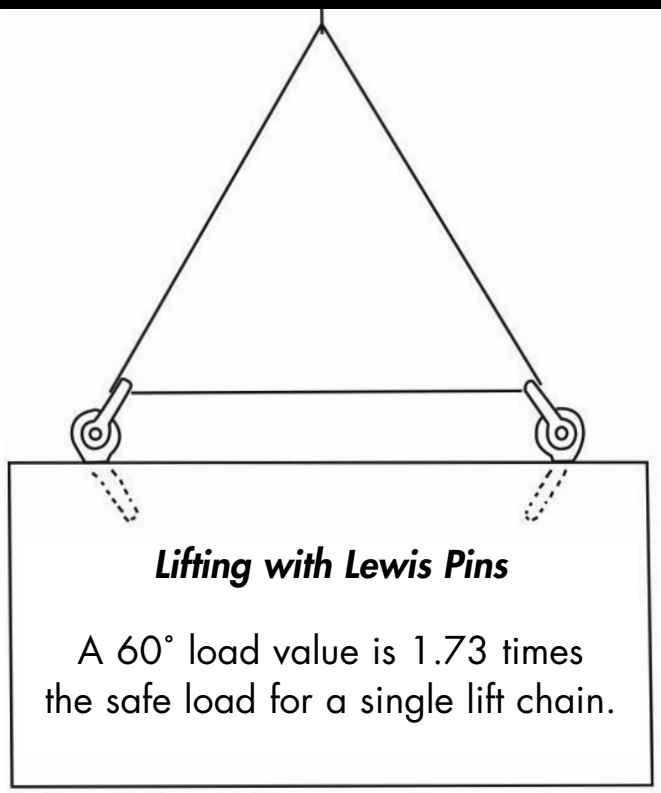
INSTRUCTIONS

Lewis Pins



Lewis Pins are used to lift large stones with a crain, chain block or winch. The pins are inserted into specially prepared holes, or seated, in the top of stone directly above its center of mass. Pins are liable to slip out of the seating if some of the weight of the stone becomes in-balanced. For this reason, a safety sling should always be used together with the Lewis Pins.

- *Always check that the stone is not edge bedded.*
- *The hole the stone must be deep enough to take the full length of the Lewis Pin and be no more than 1mm larger than the pin.*
- *Drill at a 45-degree angle*
- *Before inserting the Lewis Pin, ensure that the hole is free of dust and any water or slurry (which can cause the Lewis Pin to lose grip an slip out of the hole.*
- *The lifting hook must be the correct size for the Lewis Pin (not too big).*
- *When lifting, do not snatch lift. Take the weight slowly and carefully to ensure a proper lifting.*

NEVER

- *NEVER drag the stone sideways as it can bend Lewis Pins.*
- *NEVER work underneath hoisted stone.*
- *NEVER place your hands underneath stone.*
- *NEVER pull stone towards yourself, putting yourself in a trap area between stone and solid objects (walls, steelwork, plant or equipment, etc.).*
- *NEVER swing stone over areas where others are working/walking.*

WORK SAFELY!

If it is not possible to drill holes far enough away from face, an alternative means must be used such as webbing straps or vacuum lifters.
Always use safety sling when moving stones with Lewis Pins.
ALWAYS WEAR SAFETY GLASSES.

Lewis Pin Sizes

Part#	Pin Size	Pin Length	Capacity	Part#	Pin Size	Pin Length	Capacity
21-101	1/2”	3 1/2”	750 lbs.	21-251	1”	6”	9000 lbs.
21-102	5/8”	4”	1500 lbs.	21-252	1-1/8”	6-1/2”	12000 lbs.
21-103	3/4”	4 1/2”	3000 lbs.	21-253	1-1/4”	7”	18000 lbs.
21-250	7/8”	5”	6000 lbs.	21-254	1-1/2”	7”	24000 lbs.

NOTE: Pin size indicates the drill bit size that should be used to bore the hole for the pin.
For example: #21-101 1/2” Lewis Pin accommodates a hole bored using a 1/2” drill bit.

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