BVM Corporation
DRILL COLLAR LIFT ADAPTER
Maintenance

Part number:_____   **Serial Number:**_____

<u>Daily Maintenance:</u>

1. Clean with rag, wash if necessary.
2. Check for cracks. If cracks are found, DO NOT USE.
3. Check for wear in the upper grab area, lower hooks and shank.
4. Examine link blocking pins or bolts for bending or wear. Replace if pins or bolts if bent or worn or damaged.
5. Examine lifting eye for cracks, wear or damage.
Do not use and contact factory if significant wear is present.
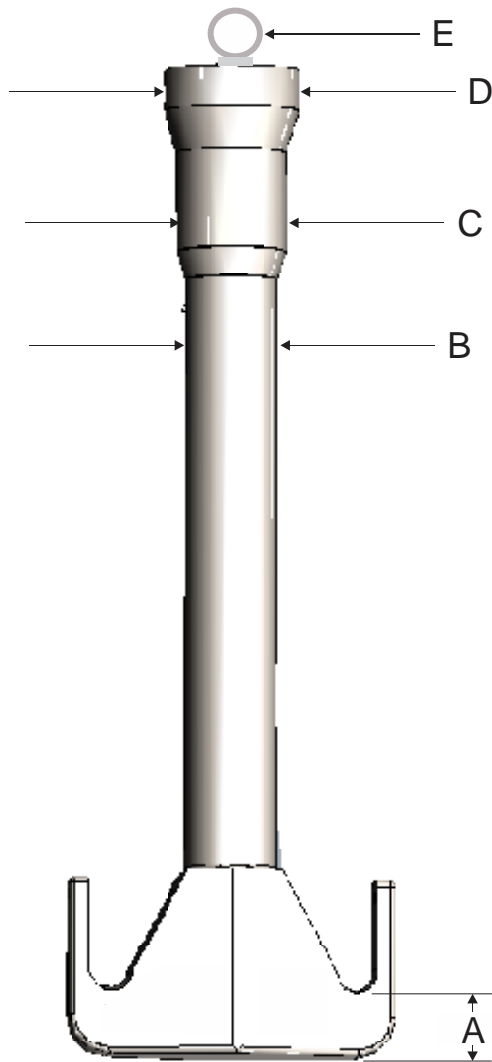
<u>Yearly Maintenance:</u>

1. Remove all paint.
2. Magnaflux or ultrasonic for cracks. If cracks are found, DO NOT USE. Consult factory or replace.
3. Inspect the upper eye, lower eye, and shank for wear. Re-rate or replace if wear is present.
4. Paint.

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Inspection and Wear Data

Safety Warning: BVM does not allow welding of Lift Adapters and they cannot be reconditioned or repaired by welding!

Wear chart Shaft (Shank)
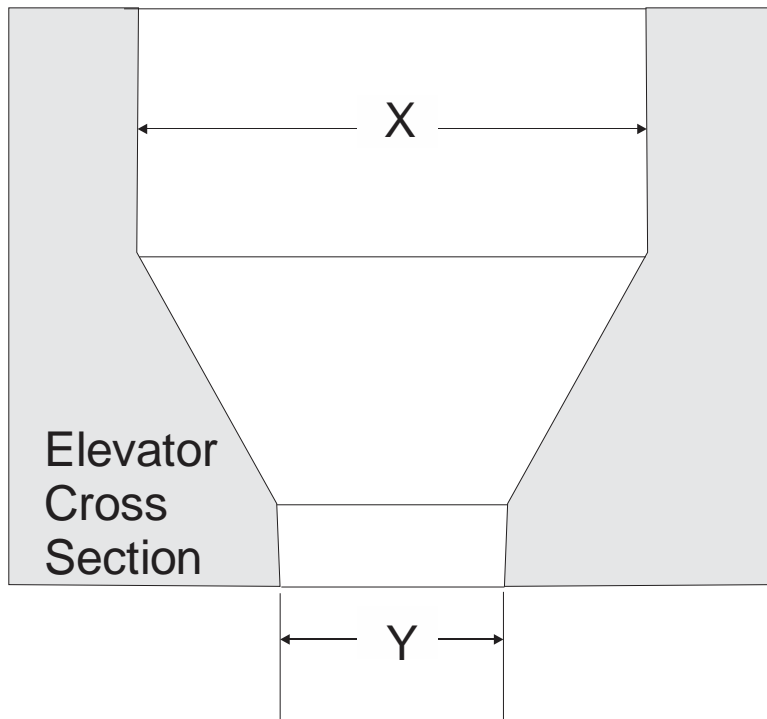
Wear Chart forged Lift Adapter

E - No cracks or damage allowed
Relationship between D - C – B see drawing below
B - no modification, cracks or damage allowed
A – minimum 4" – no cracks allowed

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Elevator Cross Section

The elevator to be used for lifting the Lifting Adapter must be properly sized and in safe condition in order for the combination to be safe.

For a dual bore size Lifting Adapter the largest (upper) lifting area dimension D must be smaller than dimension X of the elevator and dimension Y of the elevator must be larger than the dimension C of the Lifting Adapter. Additionally dimension D must be at least ½" larger than dimension Y of the elevator.

For a single bore size Lifting Adapter or the lower section of a dual bore size Lifting Adapter the lifting area dimension C must be smaller than dimension X of the elevator and dimension Y of the elevator must be larger than the dimension B of the Lifting Adapter. Additionally dimension C must be at least ½" larger than dimension Y of the elevator.

The Lifting Adapter must not be used with excessively worn or damaged elevators.

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