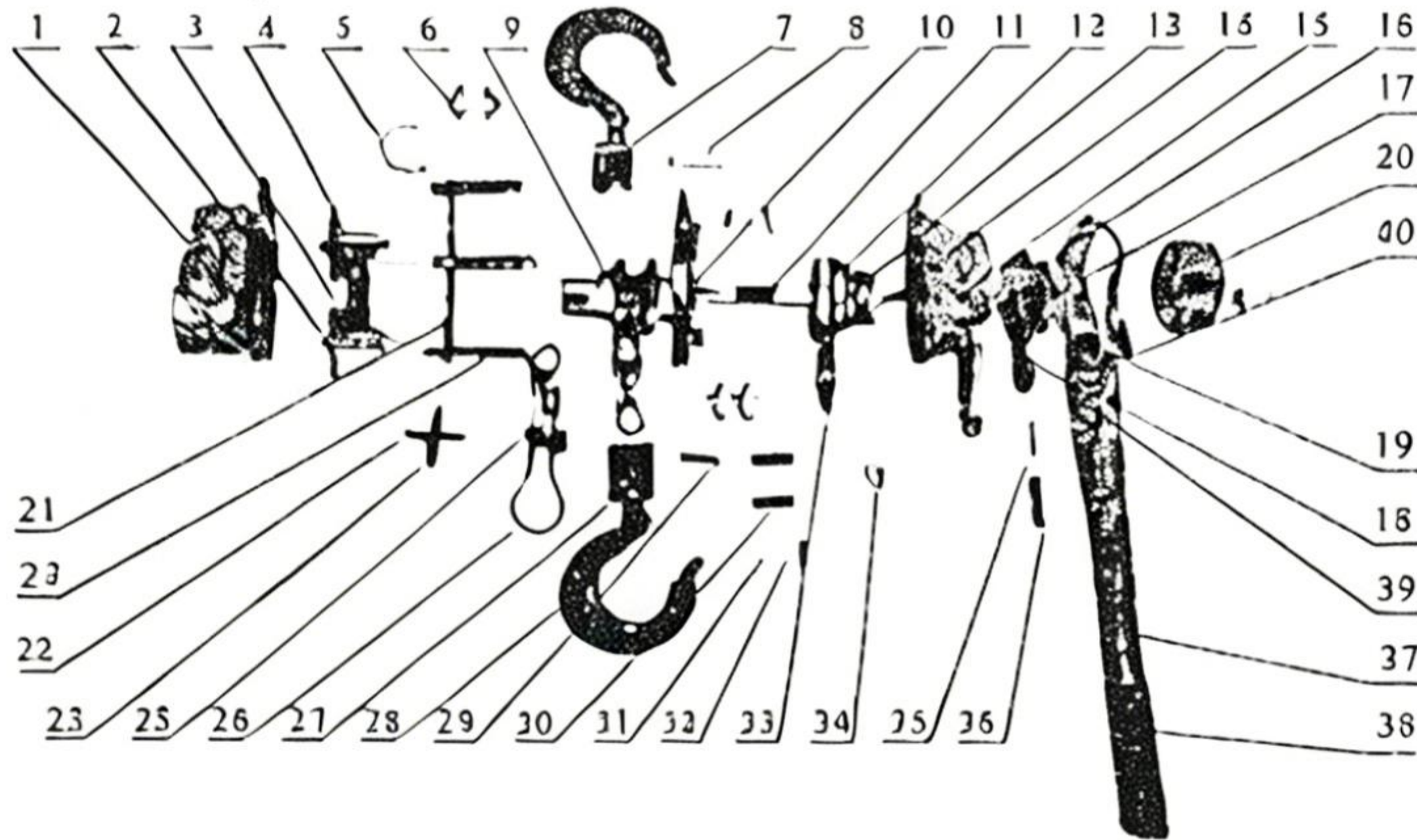


Details of Spare Paarts for HSH-E Series Double lever Blocks



1. Gear wheel	6. Oxide roller	11. Driving shaft	18. Handle rod	21. Side plate B	35. Chain roller	36. Pawl spring	38. Chain-roller spring
2. Disk	7. Toy brake block	12. Brake wheel	19. Chain-rod wheel	22. Side plate pin	37. Bottom block block	37. Pawl	39. Lever handle
3. Spring gear	8. Friction pin holder	13. Friction plate	20. Chain-rod pin	23. Spring	38. Pin	38. Friction block	39. Handle roller pin
4. Friction disk	9. Chain bracket	14. Friction wheel disk	21. Side lever pin	24. Spring nut	39. Chain pin	39. Friction spring	40. Spring nut
5. Spring nut	10. Side plate A	15. Brake cover	22. Friction	25. Lock pin	40. Pin	40. Spring shaft	40. Side Lever

MAINTENANCE

1. After use, clean off the dirt on the block and grease its parts, Keep it in a dry place.
2. Maintenance and inspection should be made by skilled band, Never allow any laymen to disassemble or assemble the block.
3. When assembling align the "0" marks of two gears (2) as shown in Fig.(2) and Fig(3).
4. While the lever handle (20) is pressing the friction plates (13) and the ratchet disk (33), the distance between the lever handle (20) and the ends of hexagon slotted nut should be controlled within 0.2mm-0.5mm.
5. After cleaning and repairing, the block should be subjected to idle and heavy test so as to ensure reliability in use, Make sure that block is in good condition before putting it into operation.
6. Keep the friction surfaces of brake clean, Brake mechanism should be regularly inspected so as to forestall trouble in brake.

HSH-E Construction of Body

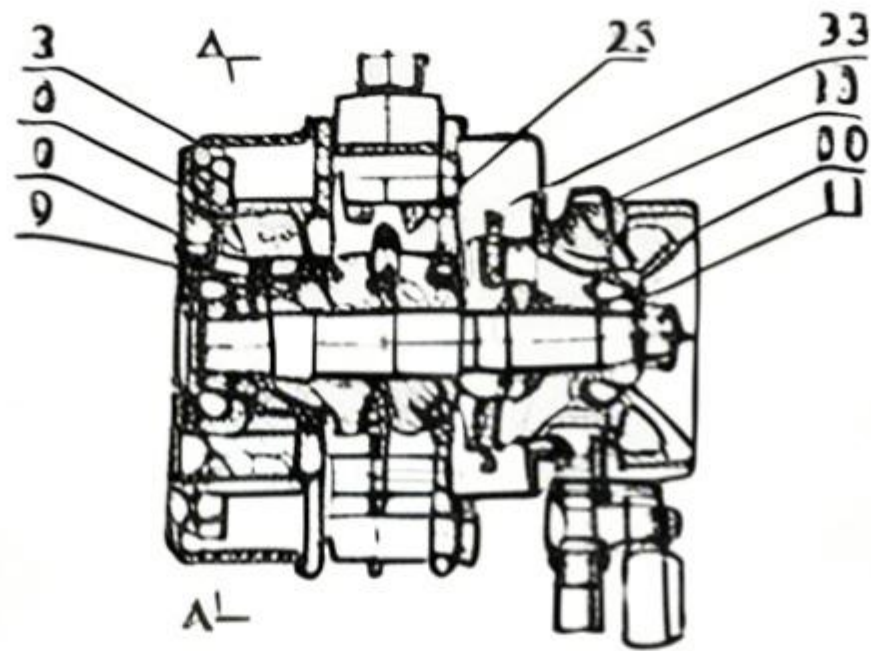


Fig. 1

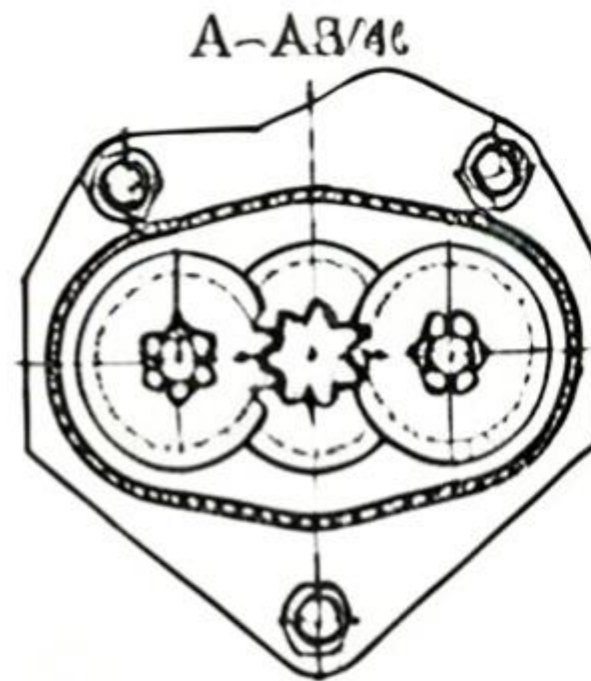


Fig. 2

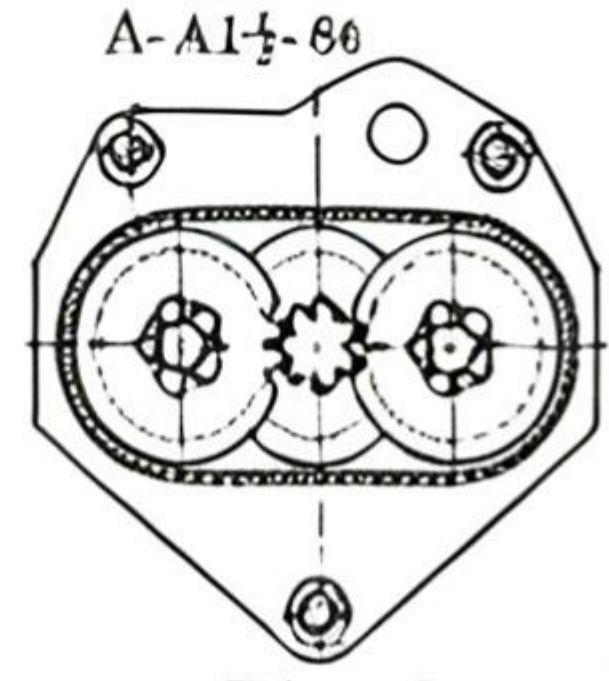


Fig. 3

APPLICATION

HSH-E SERIES DOUBLE LEVER BLOCK IS A KIND OF HIGHLY EFFICIENT AND VERSATILE HAND OPERATED HOISTING APPLIANCE, WHICH IS CAPABLE OF BEING WIDELY APPLIED IN SHIPBUILDING, POWER PLANTS, TRANSPORT, CONSTRUCTION SITES, MINES, POST AND TELECOMMUNICATION FOR INSTALLING MACHINES, LIFTING BOOMS AND DRAGGING LOADS ETC. IT IS PARTICULARLY USED IN THE NARROW PLACES, THE OPEN AIR AND OVERHEAD PLACES FOR PULLING AND STRETCHING ROPE AT ANY ANGLE.

FEATURES

THE MAIN PARTS OF HSH-E DOUBLE SERIES LEVER BLOCK ARE MADE OF SUPERIOR STEEL, WHICH HAS THE FOLLOWING CHARACTERISTICS IN DESIGN AND SERVICE:

1. SAFE RELIABLE AND DURABLE IN USE.
2. EXCELLENT PERFORMANCE AND MINIMAL MAINTENANCE.
3. SMALL VOLUME, LIGHT WEIGHT AND PORTABLE IN SIZE.
4. LIGHT HANOPULL AND HIGH EFFICIENCY.
5. ADVANCED STRUCTURE AND ATTRACTIVE APPEARANCE.

CONSTRUCTION

HSH-E SERIES DOUBLE LEVER BLOCK IS EQUIPPED WITH A TRANSMISSION MECHANISM OF TWO-STEP GEARS AND WITH A SPRING CLUTCH SYSTEM, ITS MAIN PRINCIPLE OF OPERATION IS DESCRIBED AS FOLLOWS.

USE OF FREE GEARING SYSTEM

WHEN HOOKING NOTHING, THE SELECTOR LEVER (A01) IS SET TO THE "O" (CENTRAL) POSITION. THE SPRING SETS THE LOAD CHAIN TO BE PULLED EASILY AND THE LOWER NOOK TO BE ADJUSTED AT ANY DESIRED POSITION.

LIFTING LOAD

SET THE SELECTOR LEVER TO THE "F" POSITION AND TURN RIGHT THE LEVER HANDLE TO PRESS THE FRICTION PLATES (20) AND RATCHET DISK (16) TIGHTLY AGAINST THE BRAKE SEAT (55). THIS CAUSING THESE PARTS TO ROTATE IN UNISON, THEN DRIVE THE DRIVING SHAFT (11), DRIVEN GEAR (2), PINNION SET (6), SPINED GEAR (3), LOAD CHAIN AND THE LEVER HANDLE TO LIFT THE LOAD SMOOTHLY (SEE FIG. 1).

OPERATION INSTRUCTIONS

1. DO NOT OVERLOAD.
2. DO NOT MOTORIZE—LEVER BLOCK IS DESIGNED FOR HAND OPERATION ONLY.
3. ALL MOVING PARTS SHOULD ALWAYS BE KEPT WELL LUBRICATED. BEFORE OPERATING SEE THAT THE VARIOUS PARTS ARE NOT DAMAGED AND IDLE MOTION IS IN GOOD CONDITION.
4. BEFORE LIFTING, INSPECT THE HOOK TO SEE WHETHER IT IS SECURELY ATTACHED. DO NOT SUSPEND A LOAD AT NOOK TIP. LOAD CHAIN SHOULD BE NOT TWISTED TO ENSURE SAFETY.
3. STOP OPERATING IMMEDIATELY IN CASE THE LEVER HANDLE FORCE EXCEEDS THAT OF NORMAL OPERATION. CHECK AS FOLLOWS:
 4. WHETHER THERE IS ANY THING ENTANGLED WITH THE LOAD
 3. WHETHER THERE IS ANY TROUBLE WITH THE PARTS OF THE BLOCK.
 - C. WHETHER THE LOAD IS OVER THE RATED CAPACITY OF THE BLOCK.