



SFC ATL Machining Guide for Lever operated valves

(Refer to following drawing for reference)

- 1) To enable the ATL adaptor to be machined it must be removed from the ATL main body unit (Item 3 fig 1), please refer to the ATL installation Guide for details
- 2) Remove Lever from hoist valve.
- 3) Note the size and design of the drive form within the Lever. This form (“A” fig 2) must be replicated within the ATL adaptor part.
- 4) Note the direction of the flow in relationship to the stem form, this must be maintained to ensure that the ATL flow indicator functions correctly (fig 3).
- 5) Thickness of the original hoist Lever must also be replicated to allow satisfactory installation, to achieve this the counterbore within the ATL adaptor part must be machined to the required depth (fig 4)
- 6) With lever designs utilizing a retaining nut to retain the lever the original nut is normally used. However if the nut can not then a new retaining nut must be manufactured as detailed (fig 5)
- 7) To prevent the retaining nut from vibration or uncontrolled removal a tamper screw is added (fig 6)
- 8) When the hoist Lever is installed using pins or other retaining screws these must also be added to the ATL adaptor part. When adding any additional screws or fixing screws please ensure that no fixing hole encroaches the bearing track with a minimum of 10mm (3/8”) clearance (fig 6)

— A —
HALMA GROUP
C O M P A N Y

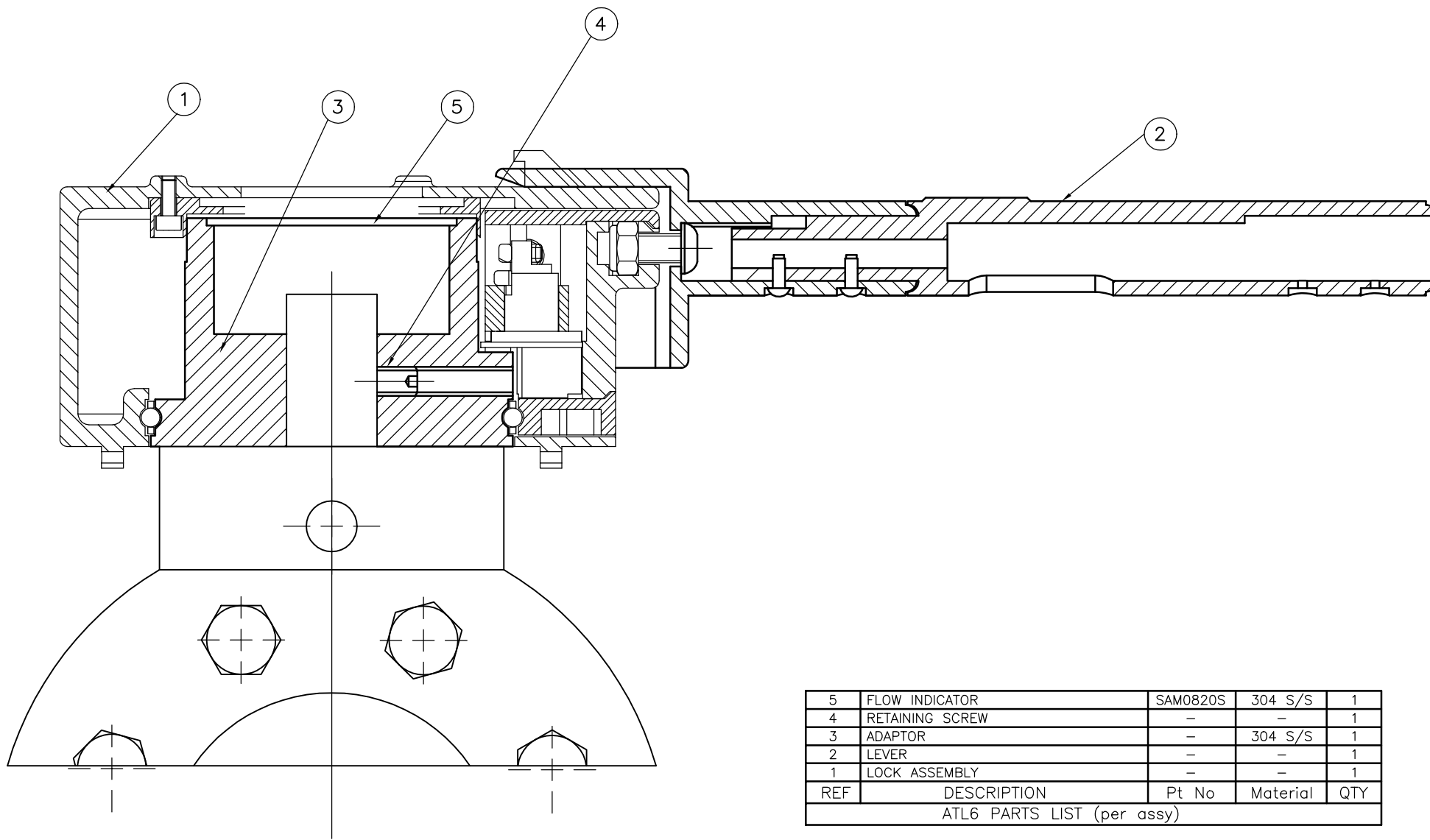
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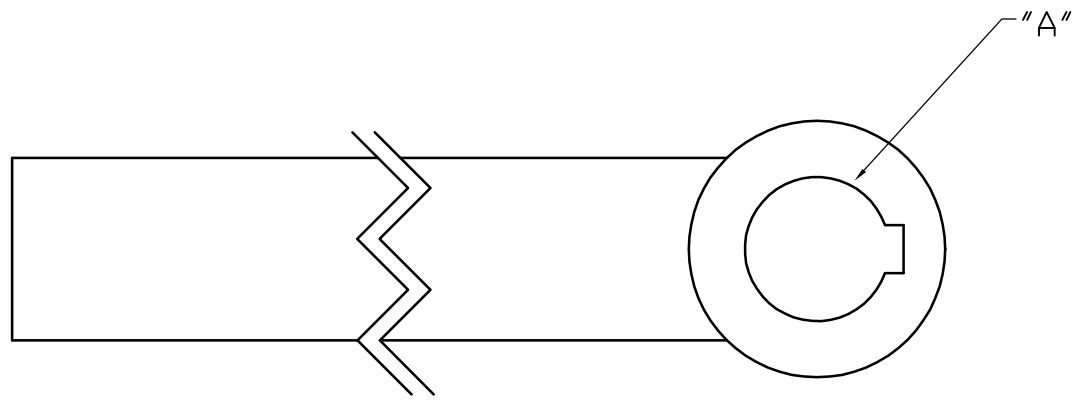
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FIG 1

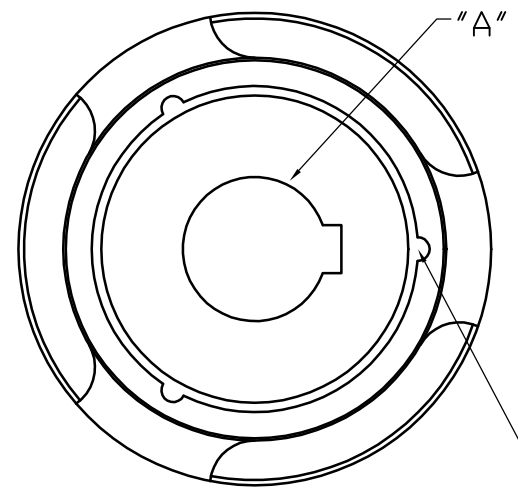


5	FLOW INDICATOR	SAM0820S	304 S/S	1
4	RETAINING SCREW	-	-	1
3	ADAPTOR	-	304 S/S	1
2	LEVER	-	-	1
1	LOCK ASSEMBLY	-	-	1
REF	DESCRIPTION	Pt No	Material	QTY
ATL6 PARTS LIST (per assy)				

FIG 2



FLOW



"FIG 3"

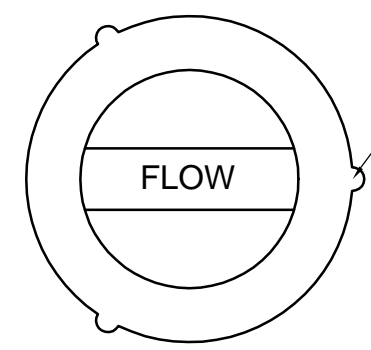


FIG 4

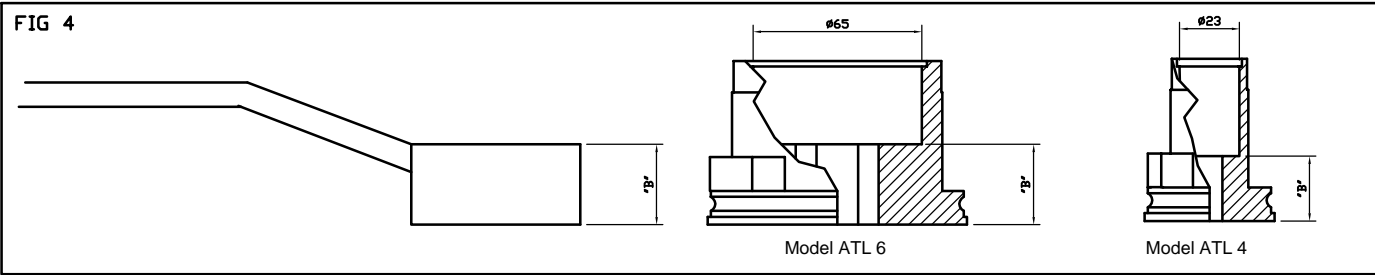


FIG 5

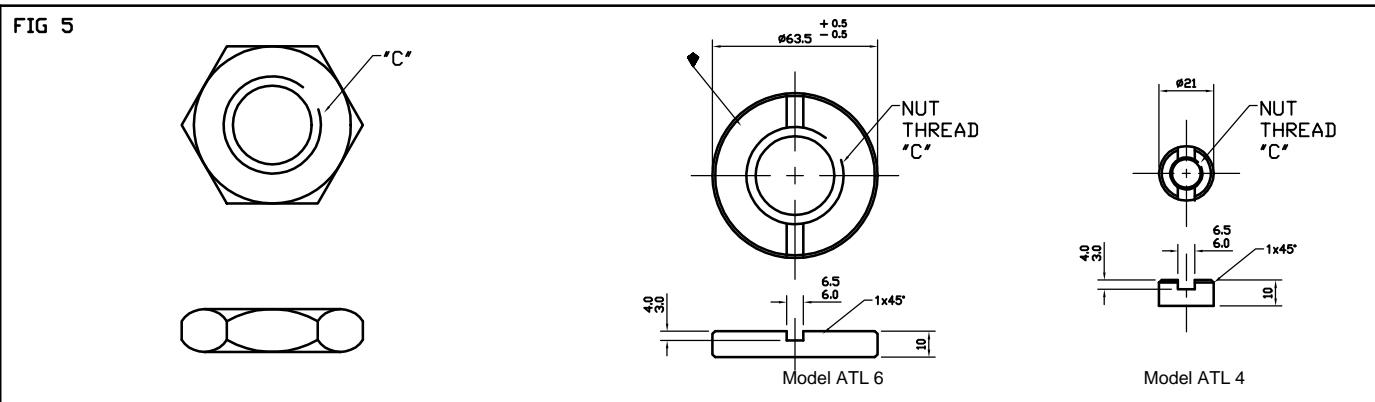


FIG 6

