NOTES: THIS MODEL TRACTION ENGINE IS LOOSLY BASED ON UPON THE FULL-SIZE TRACTORS FORMERLY BUILT BY THE J. I. CASE CO. BUT IS NOT AN EXACT SCALE REPLICA.
### JULIAN-M4x12 A-K ROUND HEAD SCREW

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### MATERIALS AND NOTES

1. **Kerosine Fired Model Steam Traction Engine Called "JULIAN"**
2. **Drawing Title:** Isometric View, Bill of Materials and Notes
3. **Material Abbreviations:**
   - MC = Aluminum
   - BRS = Brass
   - BRZ = Bronze or Gunmetal (BRZ/GM)
   - MS = Mild Steel/Bright Mild Steel
   - S/S = Stainless Steel
   - SP - Spring Steel
   - SYN = Synthetic Material such as Veten, Nylon, Teflon or Rubber
4. **Material Notations:**
   - Use non-ferrous or non-corrosive material such as Brass, Bronze, Gunmetal, Stainless Steel, Copper or Monel.
5. **General Information:**
   - Use non-ferrous or non-corrosive material such as Brass, Bronze, Gunmetal, Stainless Steel, Copper or Monel.
   - The order in which the parts/components are manufactured and the model is assembled is entirely left to the builder/model maker.
6. **Seals/Gaskets:**
   - Seals/gaskets shall be installed when deemed necessary.
7. **Errors and Omissions:**
   - Errors and/or omissions may occur in the drawings, do not hesitate to contact me so that the errors/omissions can be rectified.
8. **Soldered Joints:**
   - Where preferred, soldered connections can be omitted and parts can be bonded together by using either high-strength glue, epoxy resin, or solder.
9. **Safety Valve:**
   - Parts which are directly exposed to steam and/or water should be constructed using non-ferrous or non-corrosive material such as Brass, Bronze, Gunmetal, Stainless Steel, Copper or Monel.
10. **Compression Springs:**
    - Compression springs are drawn in compressed state (CP), uncompressed state is approx. 60% to 60% longer than compressed state.
11. **Preferred Screw or Riveted Connections:**
    - Preferred screws or riveted connections can be omitted and parts can be bonded together by using either high-strength glue, epoxy resin, or solder.
12. **Parts Construction:**
    - Parts which are directly exposed to steam and/or water should be constructed using non-ferrous or non-corrosive material such as Brass, Bronze, Gunmetal, Stainless Steel, Copper or Monel.
13. **Safety Valve Lift:**
    - Where preferred, soldered connections can be omitted and parts can be bonded together by using either high-strength glue, epoxy resin, or solder.
14. **Safety Valve Pressure:**
    - The order in which the parts/components are manufactured and the model is assembled is entirely left to the builder/model maker.
15. **Seals/Gaskets:**
    - Seals/gaskets shall be installed when deemed necessary.
16. **Errors and Omissions:**
    - Errors and/or omissions may occur in the drawings, do not hesitate to contact me so that the errors/omissions can be rectified.
17. **Heat and Pressure:**
    - Other abbreviations:
      - B = Bronze
      - BR = Brass or Gunmetal (BRZ/GM)
      - MS = Mild Steel/Bright Mild Steel
      - S/S = Stainless Steel
      - SP = Spring Steel
      - SYN = Synthetic Material such as Veten, Nylon, Teflon or Rubber
      - 8. Where preferred, soldered connections can be omitted and parts can be bonded together by using either high-strength glue, epoxy resin, or solder.
      - Safety Valve Lift:
        - Where preferred, soldered connections can be omitted and parts can be bonded together by using either high-strength glue, epoxy resin, or solder.
      - Safety Valve Pressure:
        - The order in which the parts/components are manufactured and the model is assembled is entirely left to the builder/model maker.
Kerosine Fired Model Steam Traction Engine Called "Julian"
Kerosine Fired Model Steam Traction Engine Called "Julian"
NOTES: THIS MODEL TRACTION ENGINE IS LOOSLY BASED UPON THE FULL-SIZE TRACTORS FORMERLY BUILT BY THE J. I. CASE CO. BUT IS NOT AN EXACT SCALE REPLICA.

KERSINE FIRED MODEL STEAM TRACTION ENGINE CALLED "JULIAN"