

# Grossel Tool Company

## Modular Base Gun Assembly Manual



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## **Section 1**

**75050-xx**

### **Pinch Type/Robot Style Base Gun**



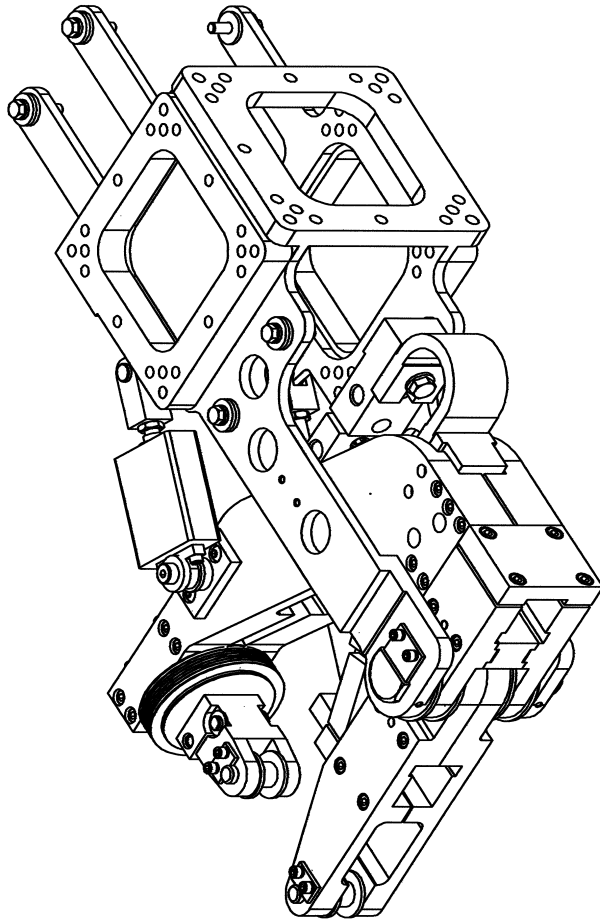
## **75050 Print List**

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| 1. 75050-xx Pinch Type/Robot Style Base Gun -Cover ... | 1-4                |
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| 16. 99016 Rod Boot Assembly.....      | 1-19               |
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| 18. 90046-02 Equalizer Assembly.....  | 1-21               |
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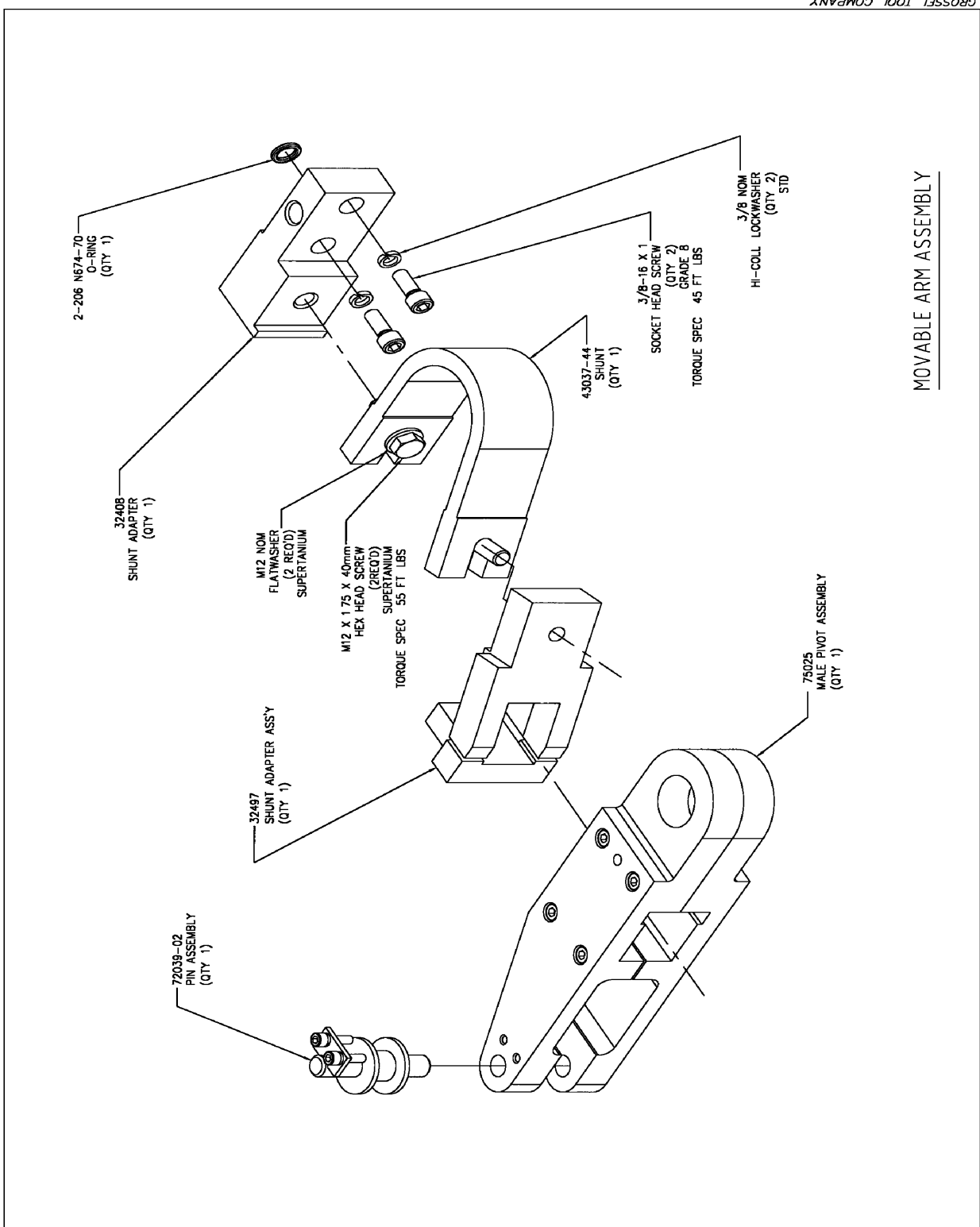
GROSSEL TOOL CO.  
PINCH TYPE / ROBOT STYLE  
BASE GUN ASSEMBLY  
"75050-11" & "75050-15"

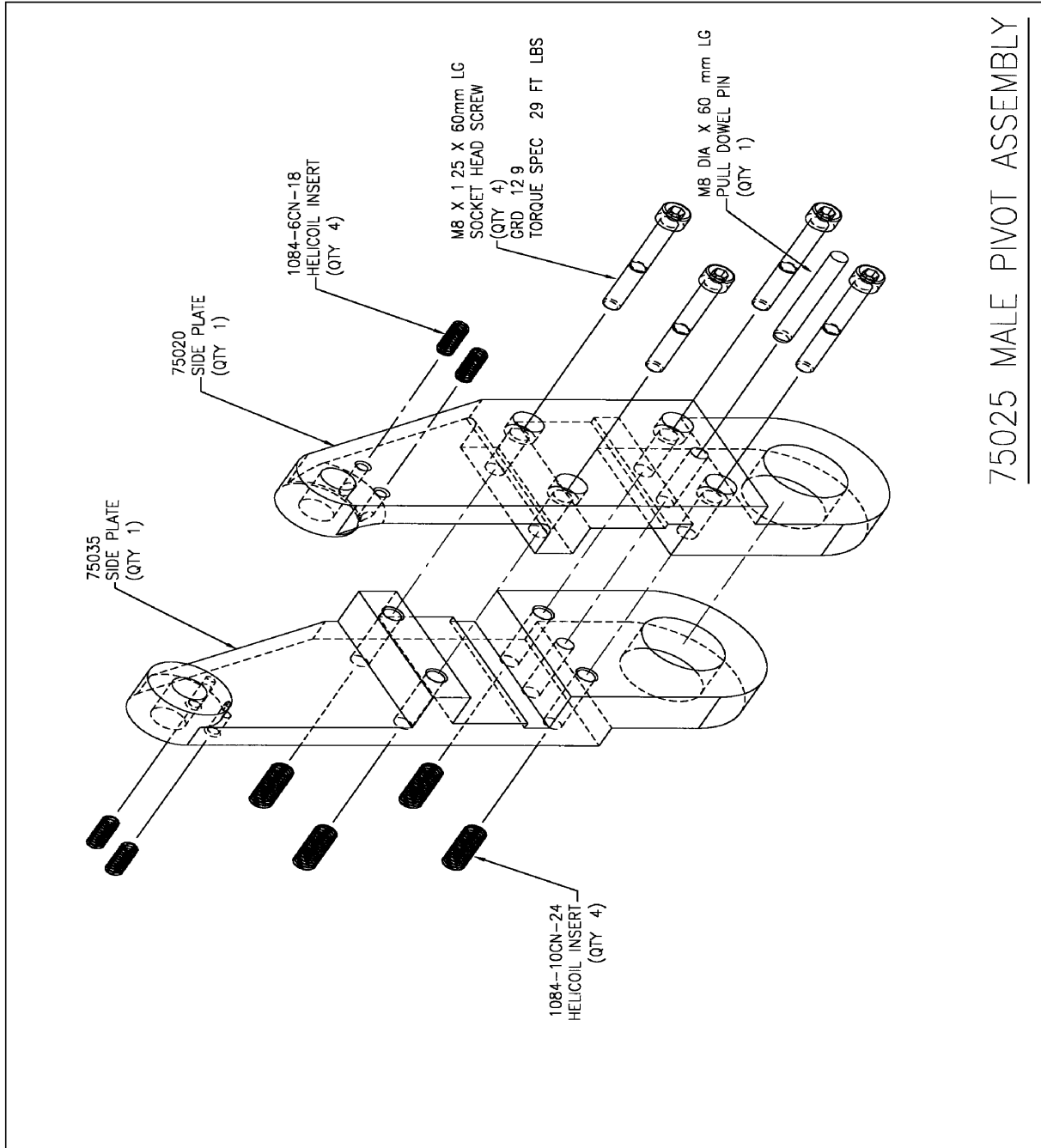
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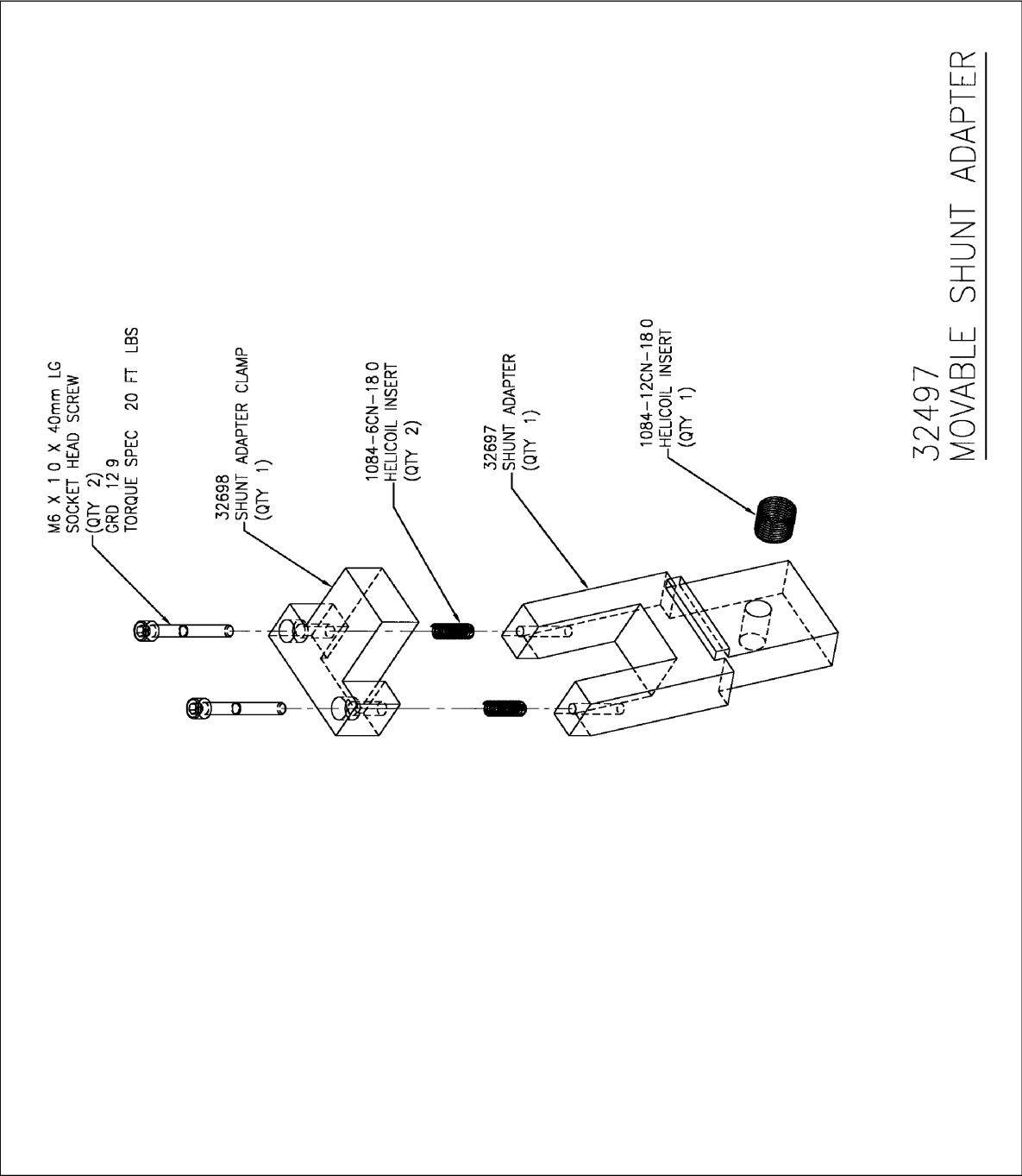


# Grossel Tool Modular Base Gun Assembly MANUAL

## Section 1: 75050-XX

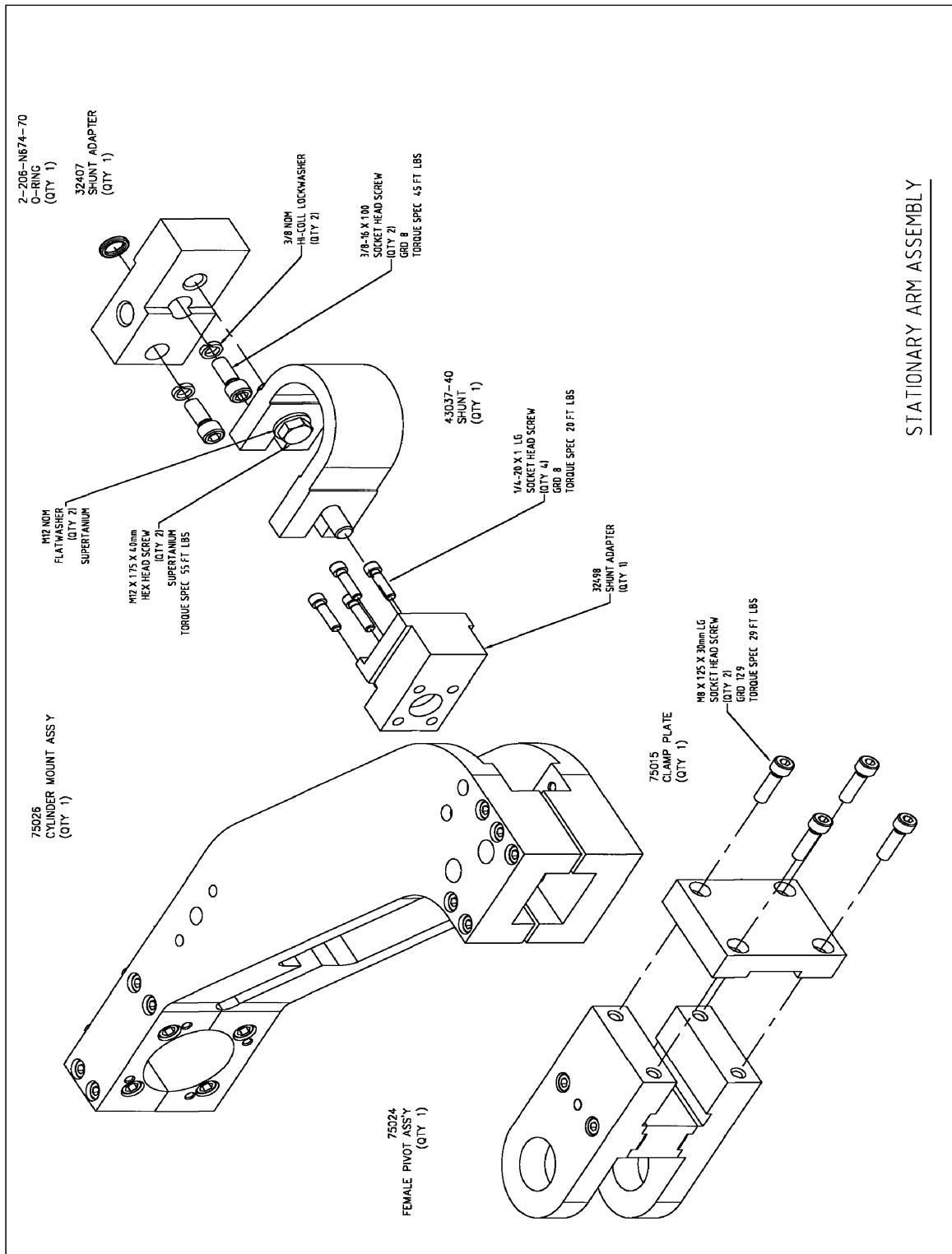


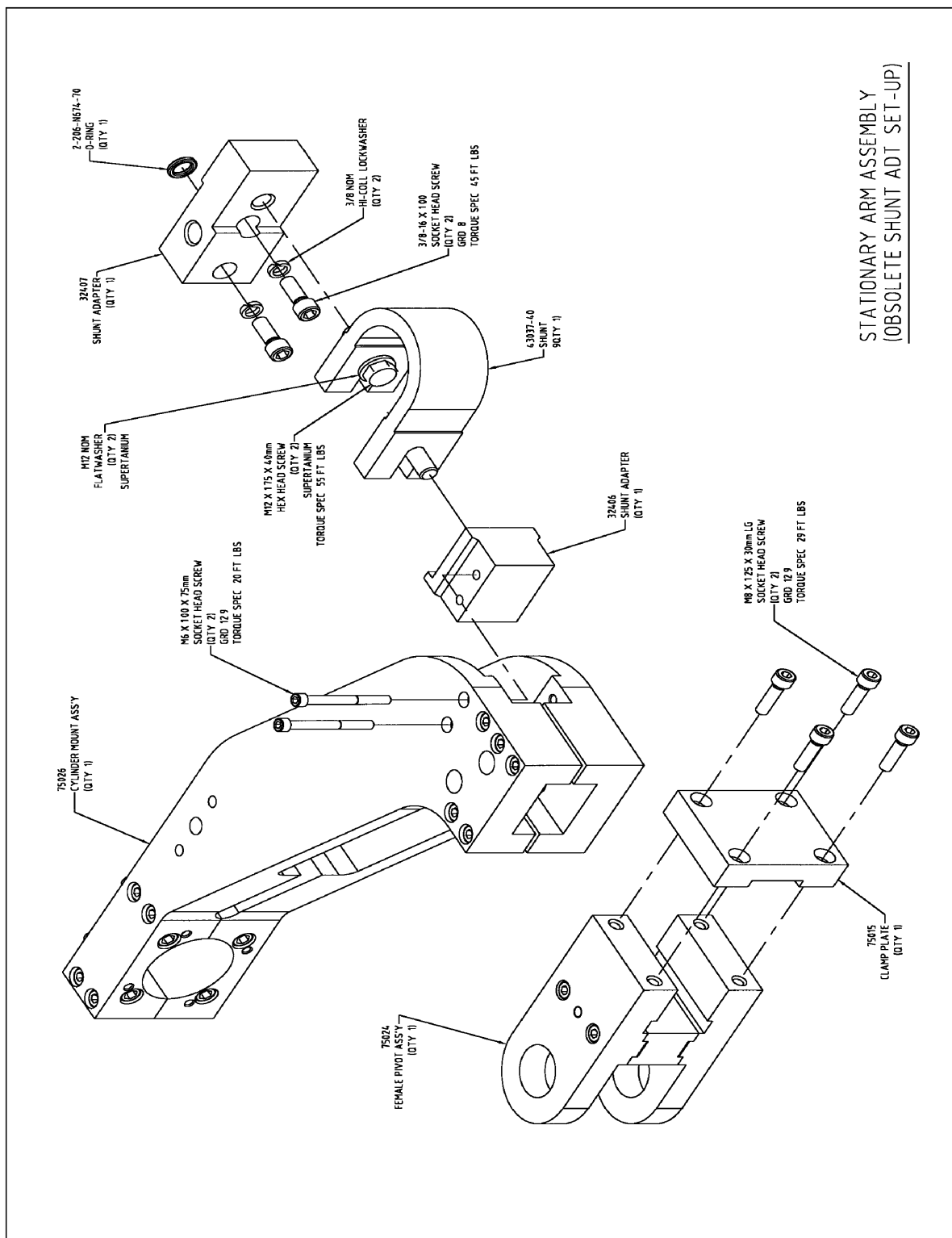




# Grossel Tool Modular Base Gun Assembly MANUAL

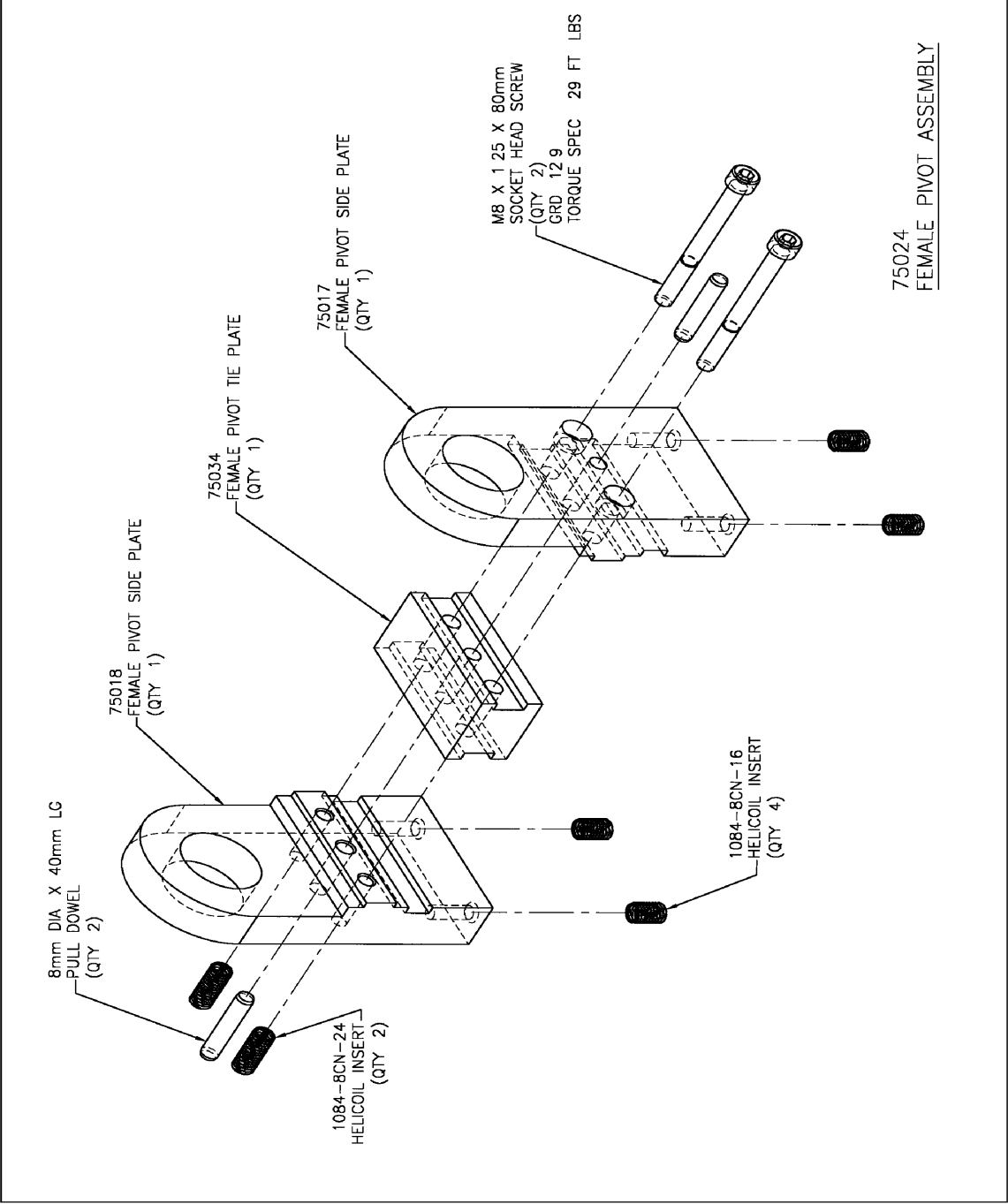
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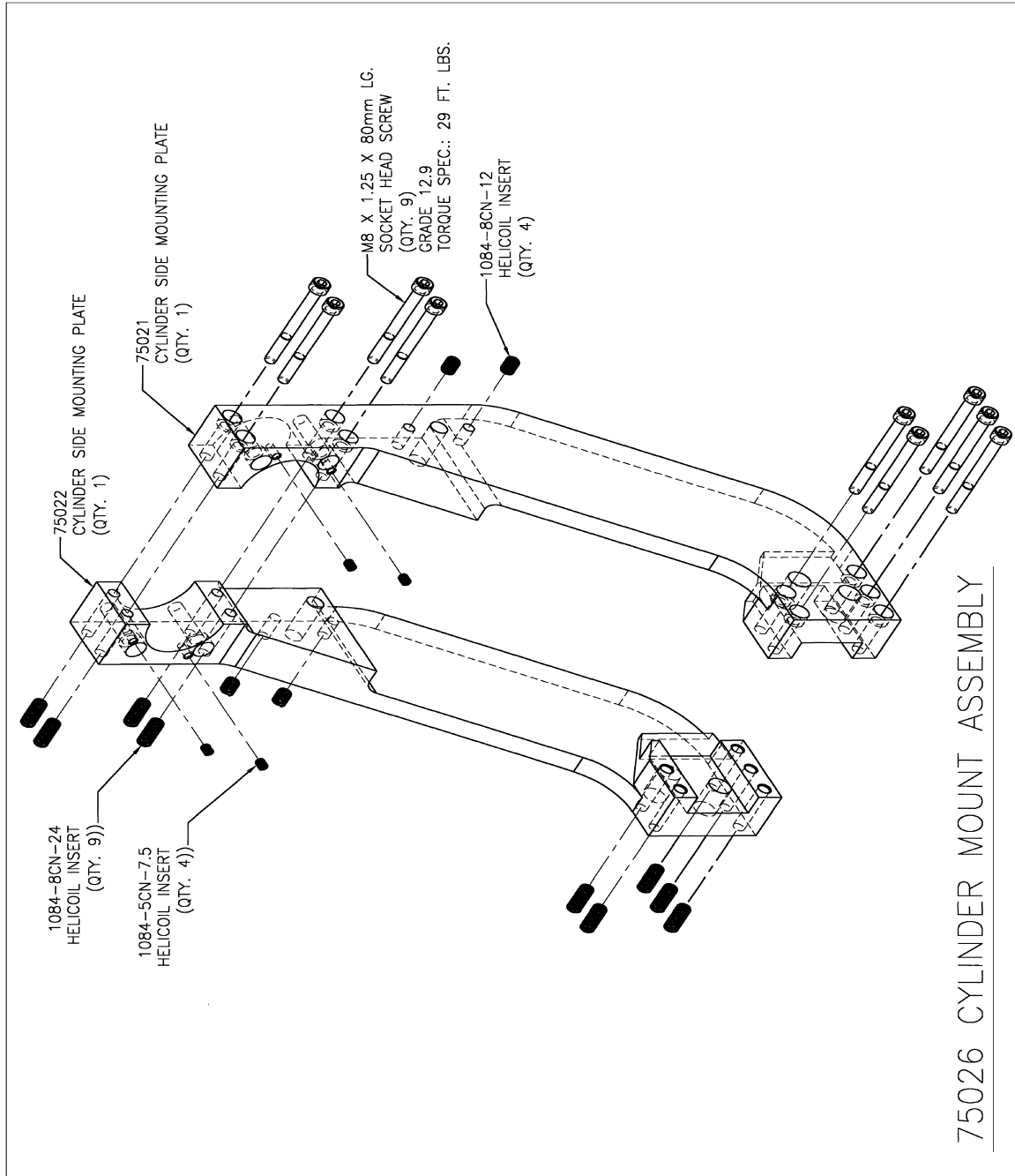


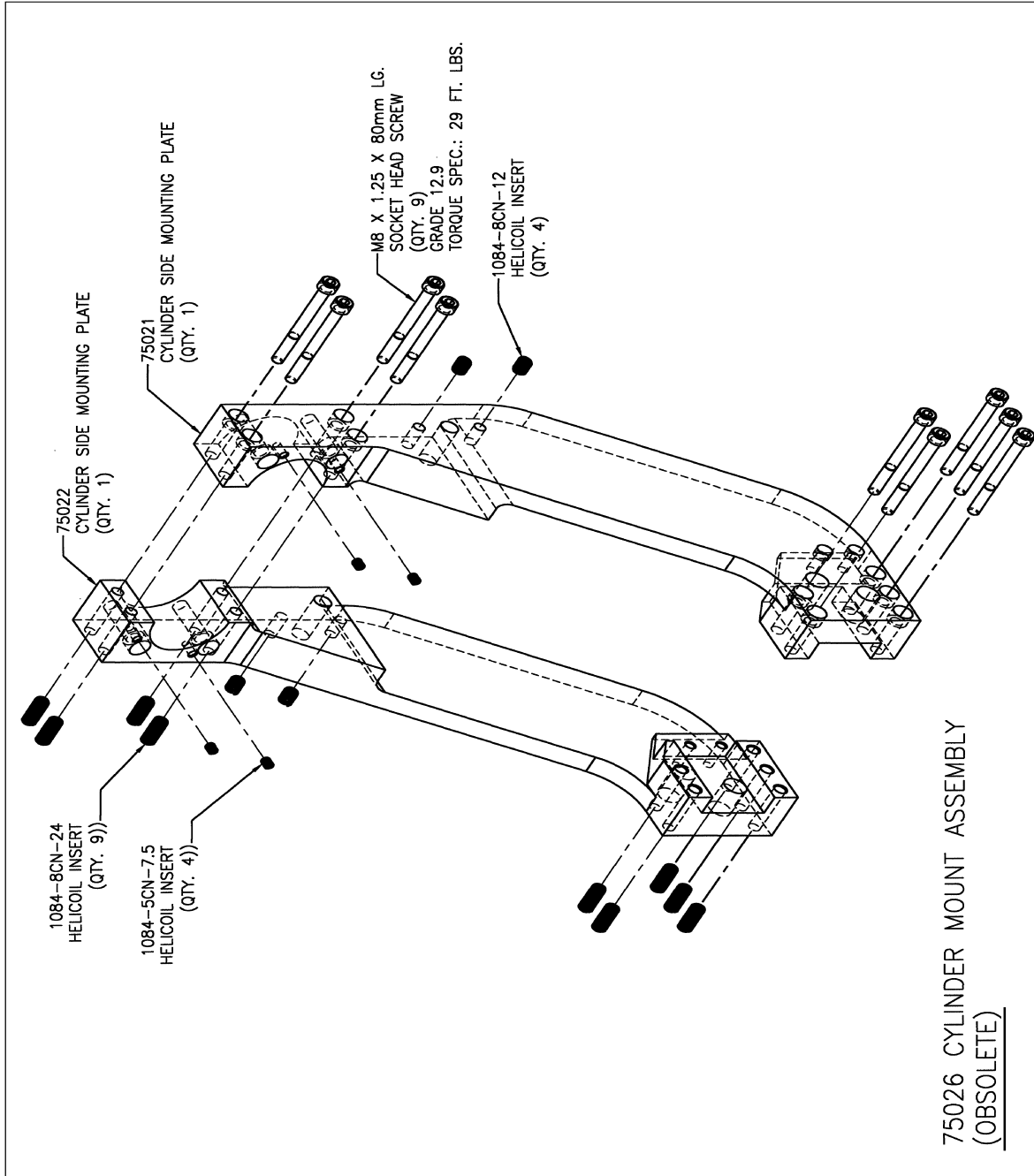


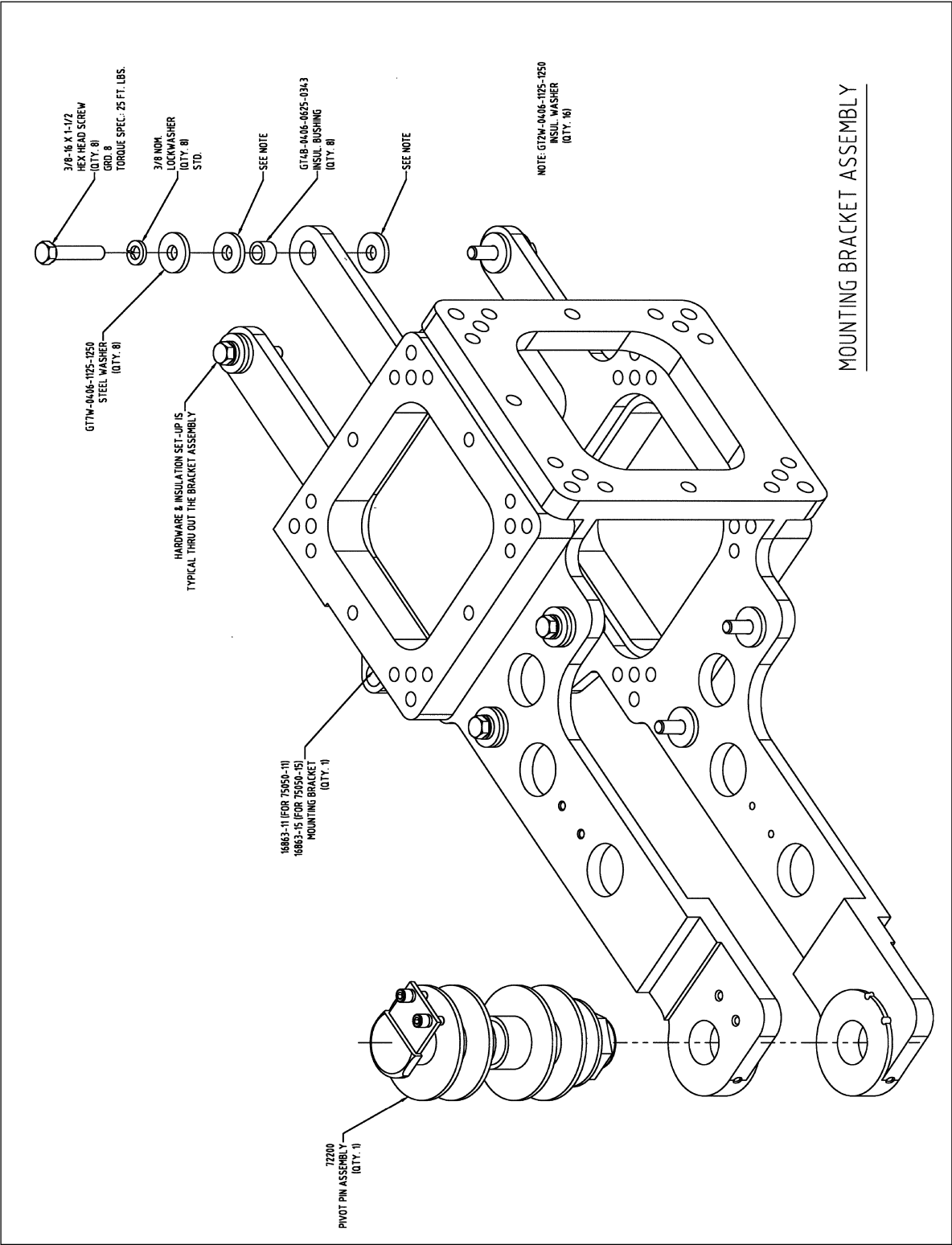


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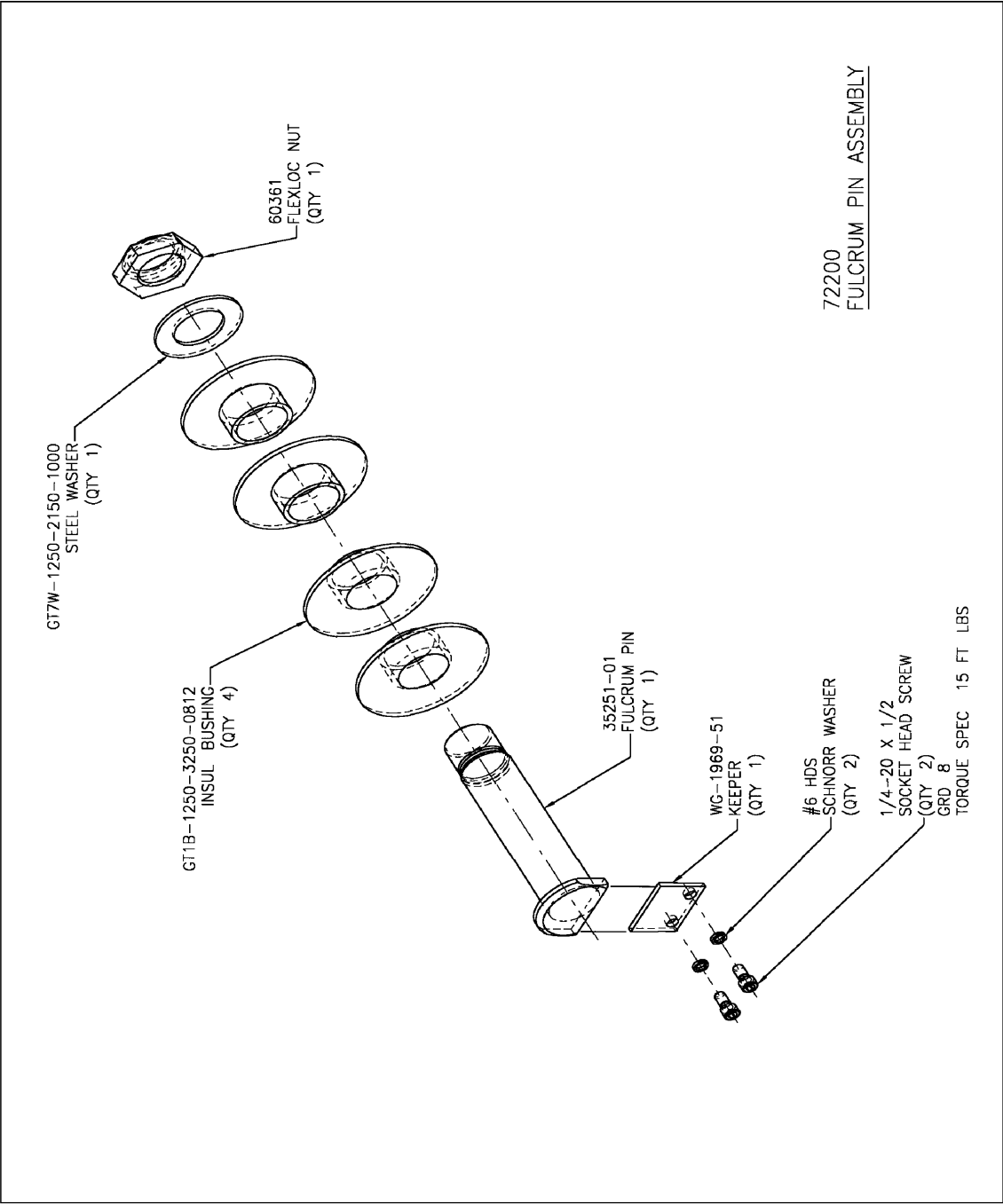






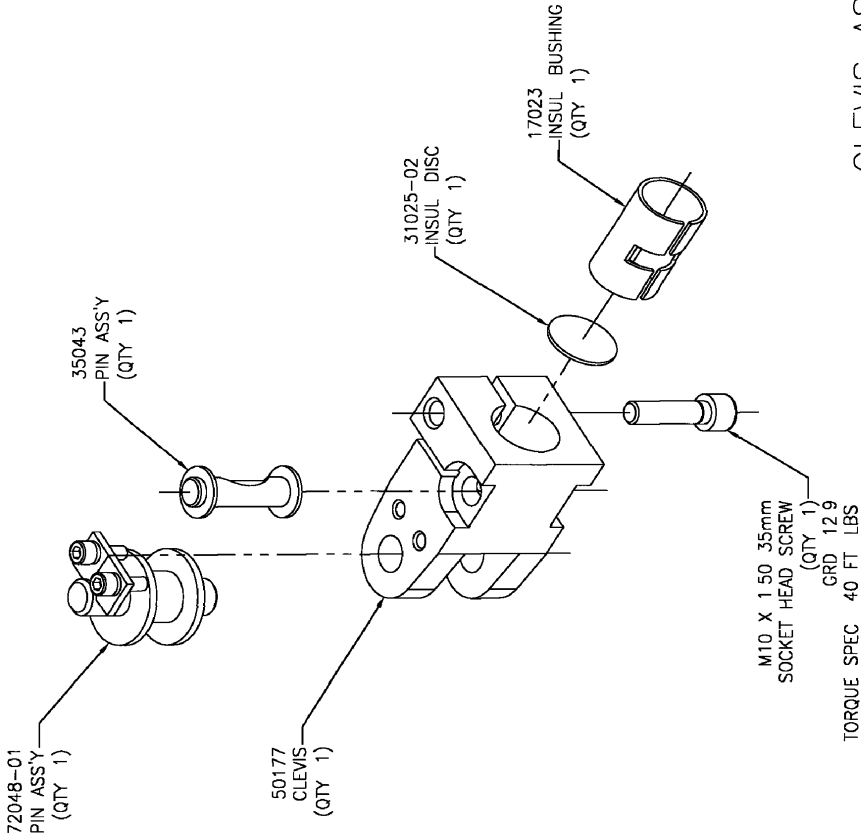


GROSSEL TOOL COMPANY

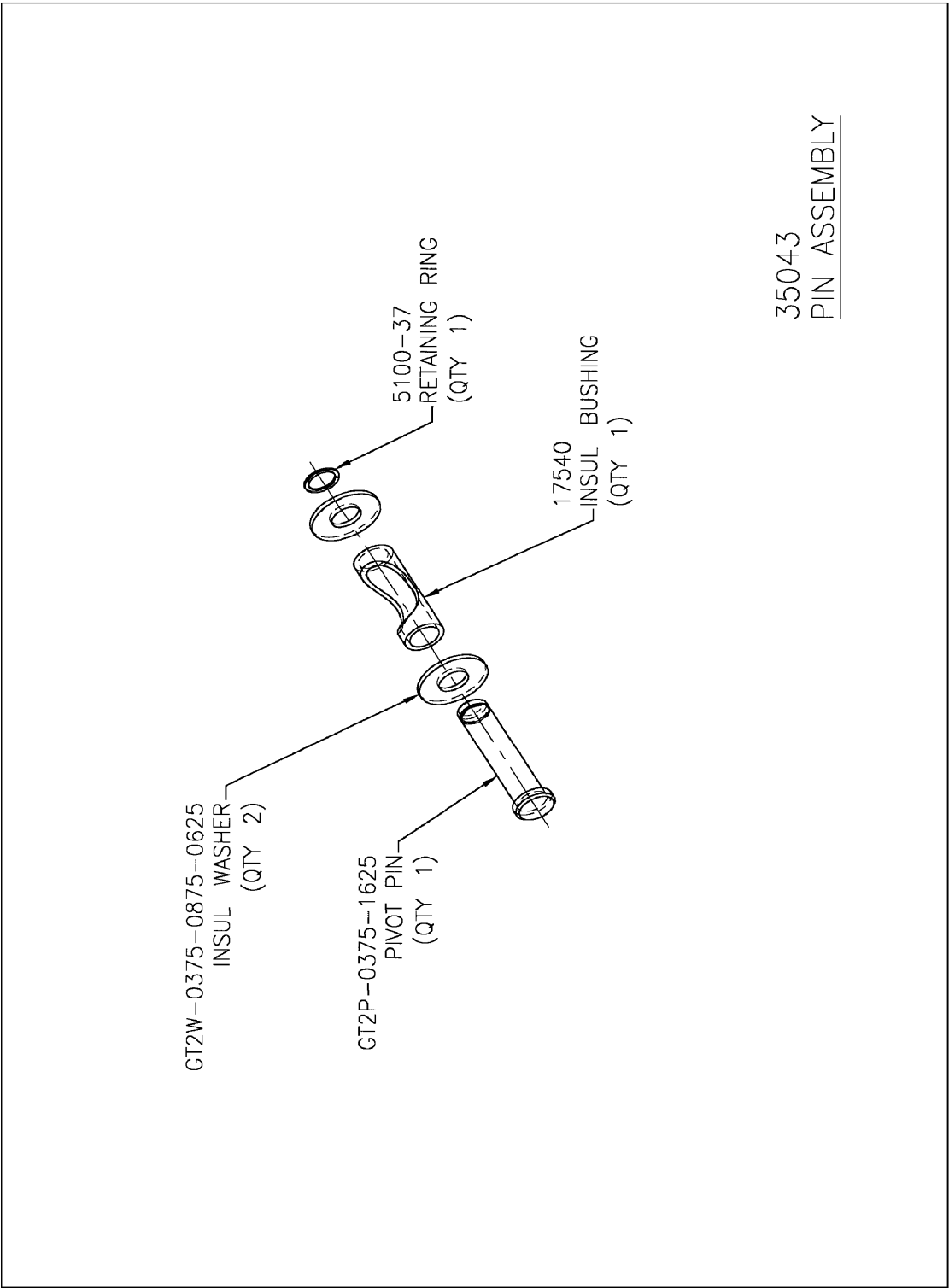


GROSSEL TOOL COMPANY

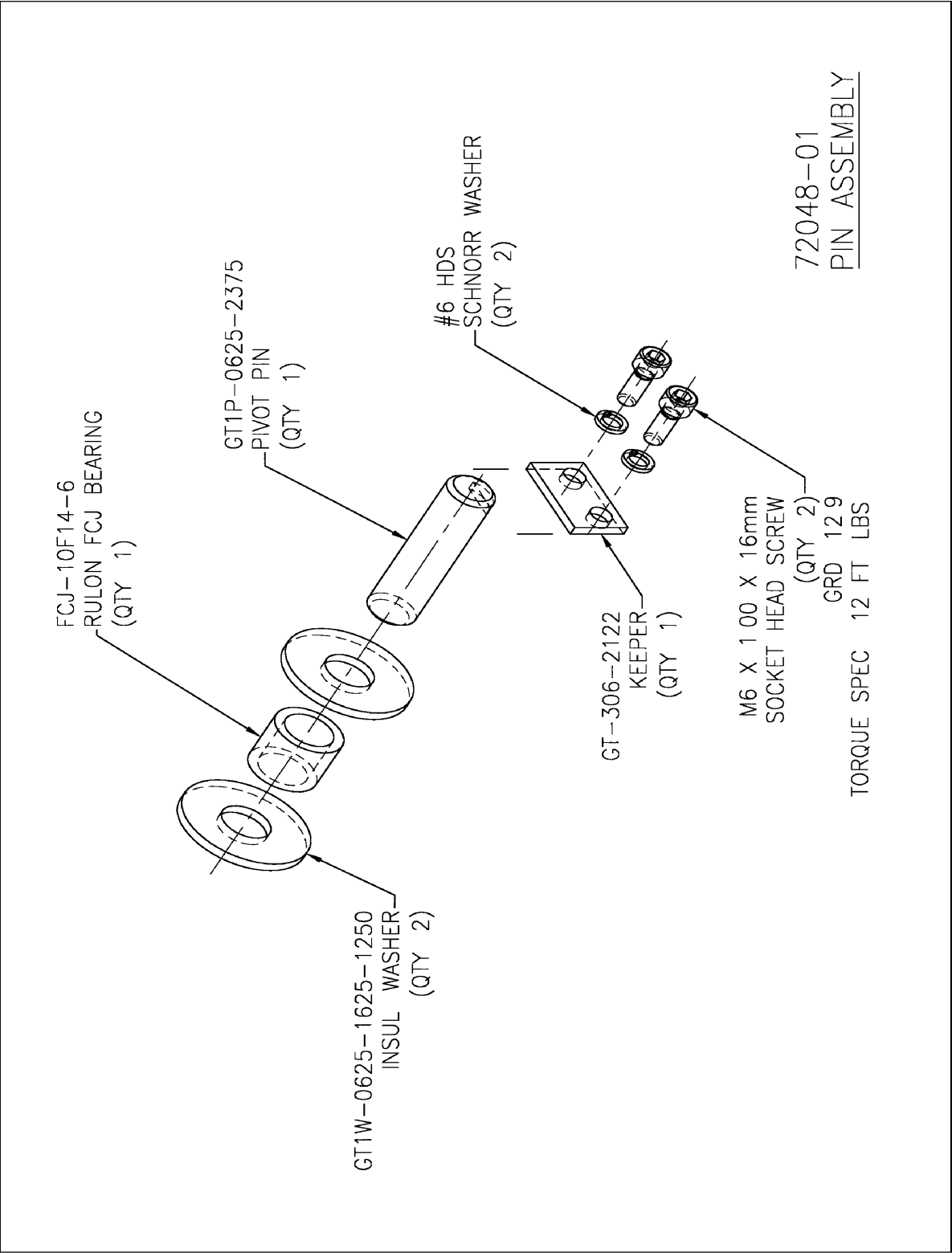
CLEVIS ASSEMBLY



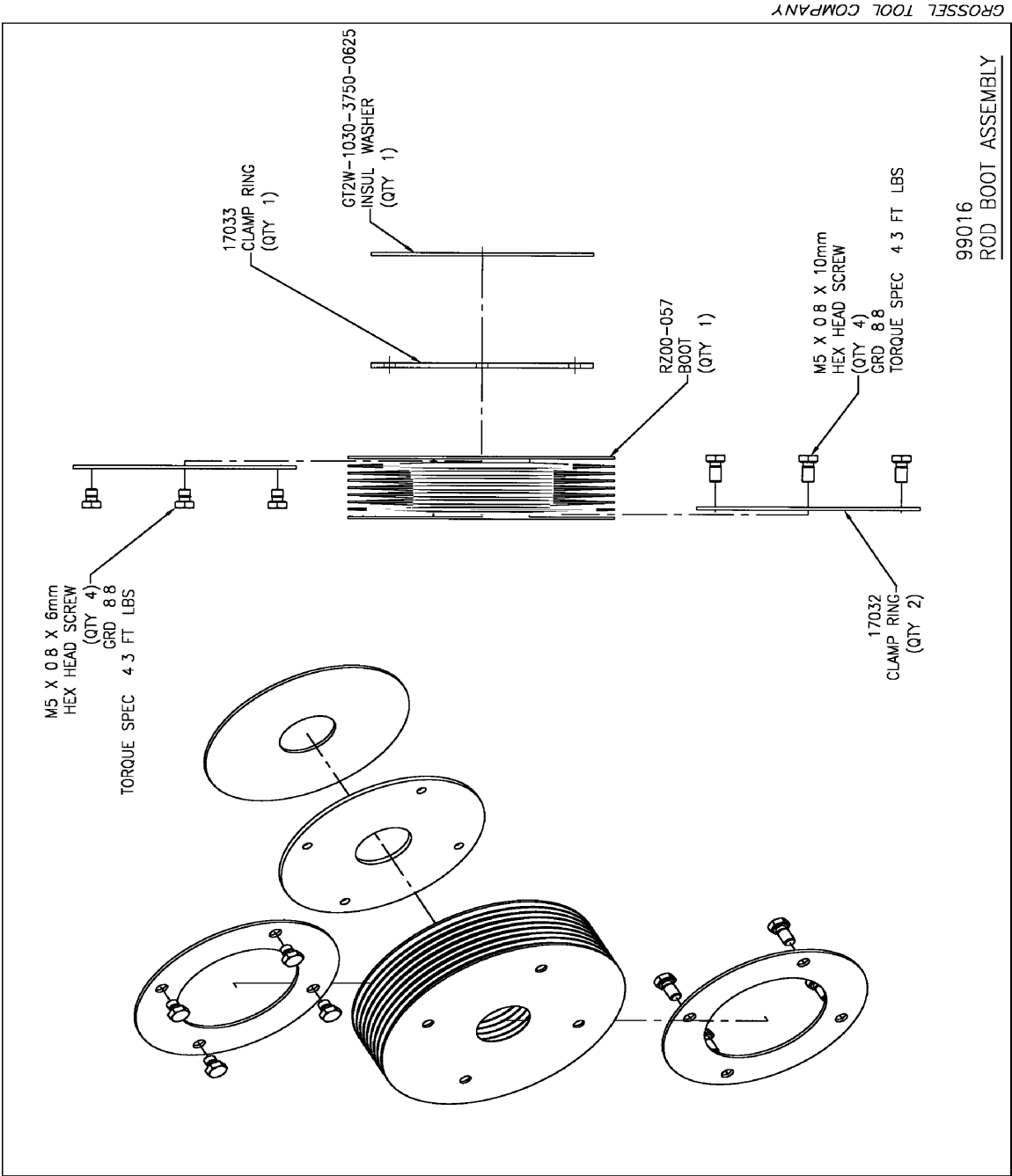
GROSSEL TOOL COMPANY



GROSSEL TOOL COMPANY





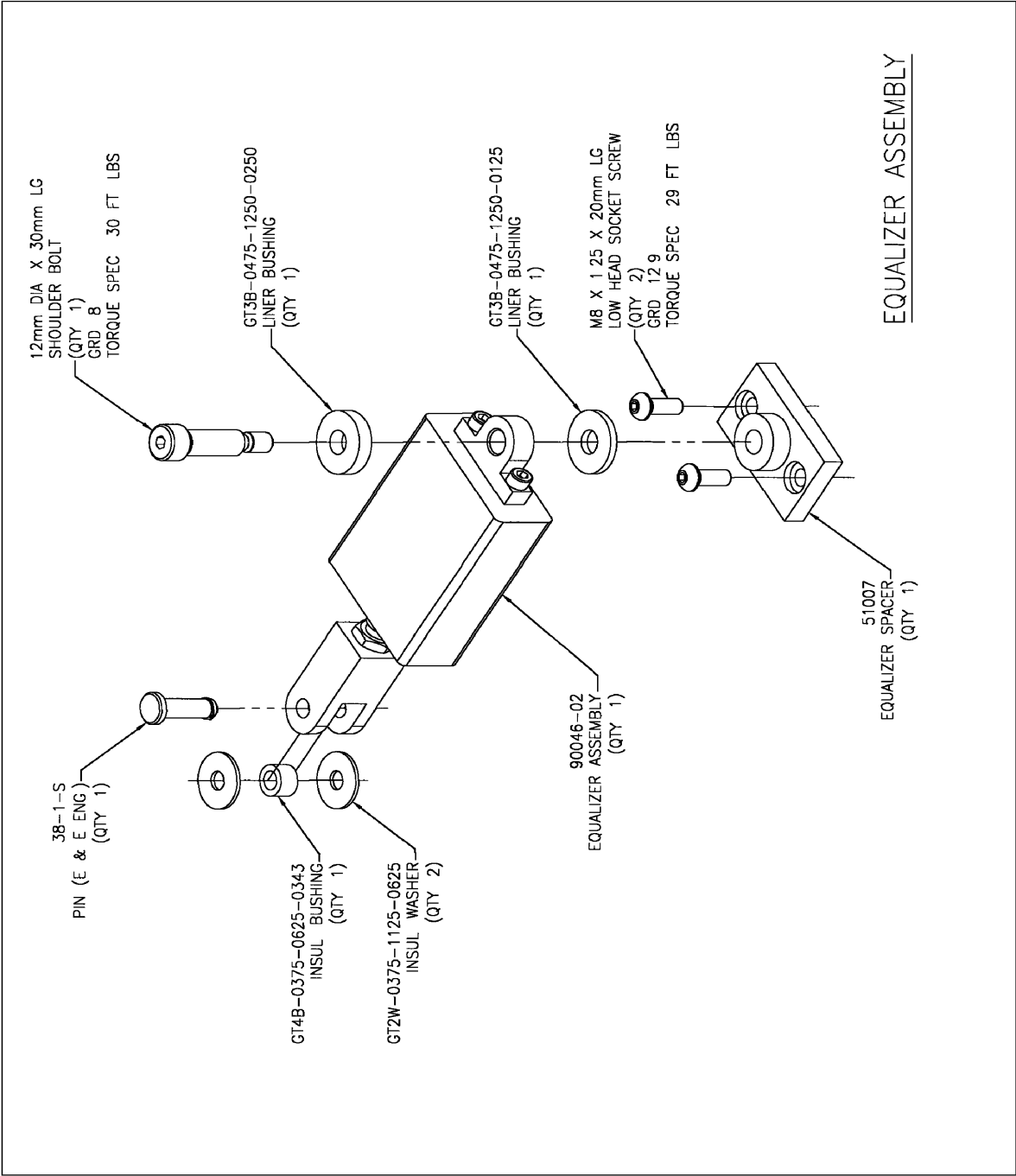


GROSSEL TOOL COMPANY

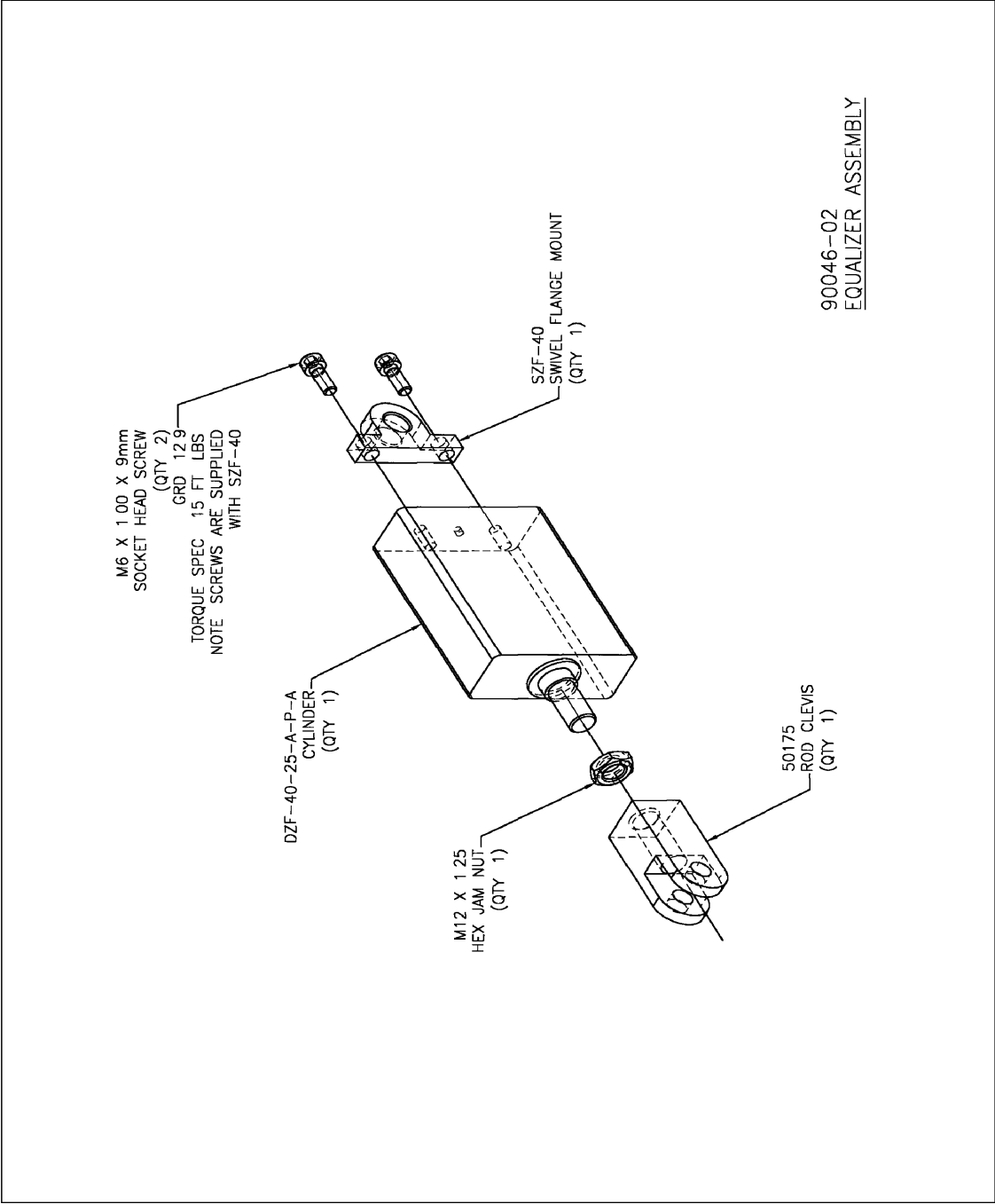
99016  
ROD BOOT ASSEMBLY



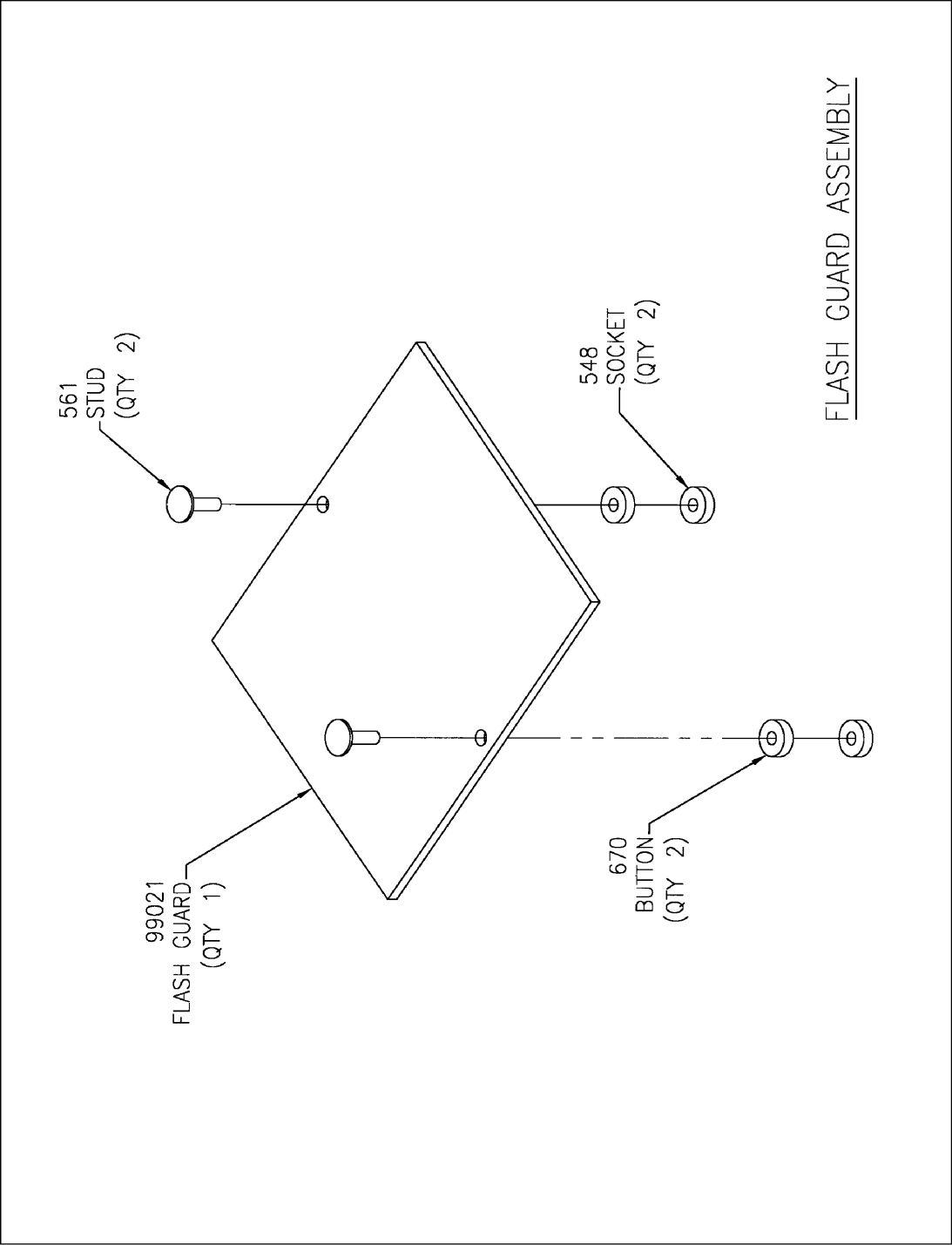
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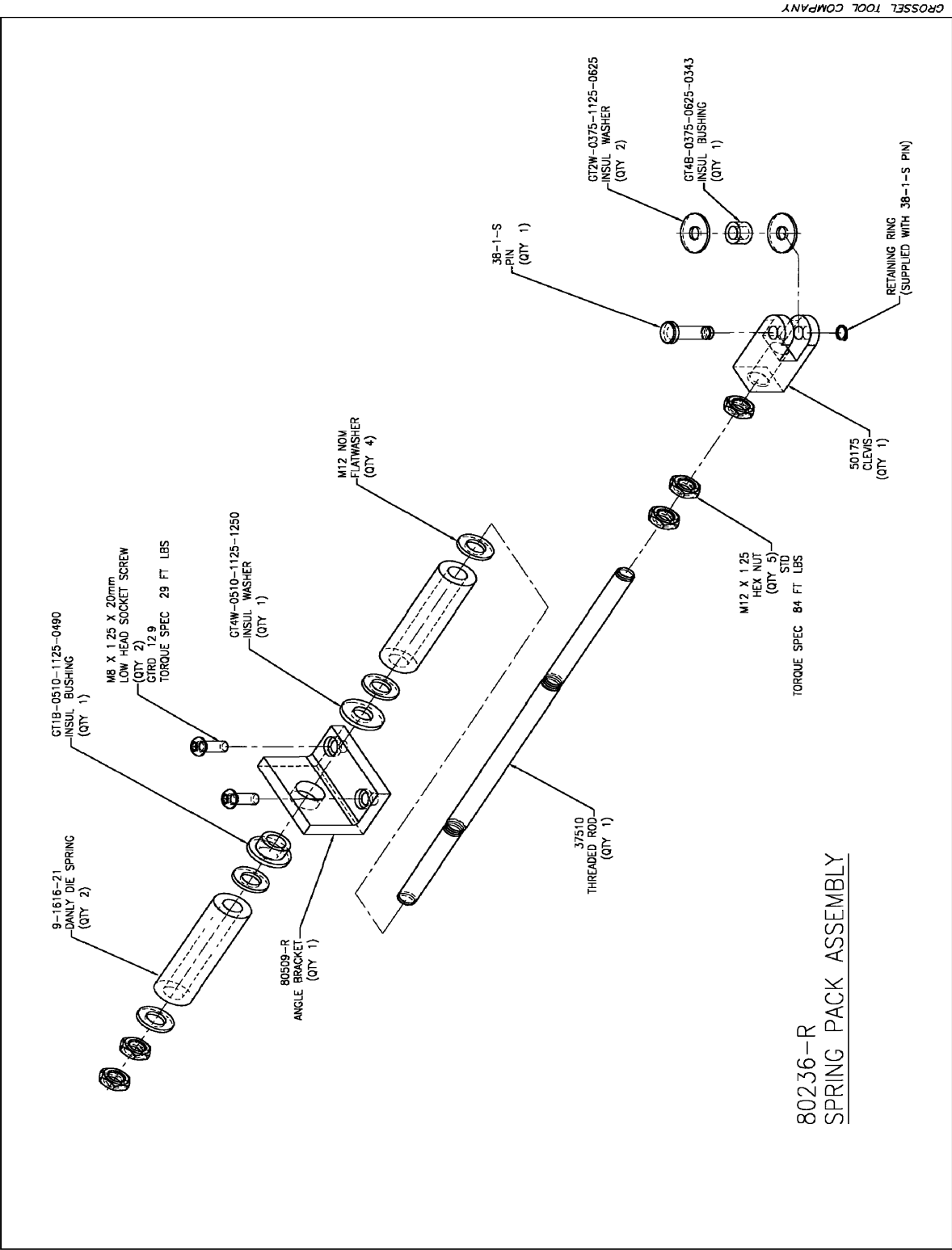


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## **Section 2**

### **75051-xx Pinch Type/Robot Style**

#### **Base Gun**



## **75051 Print List**

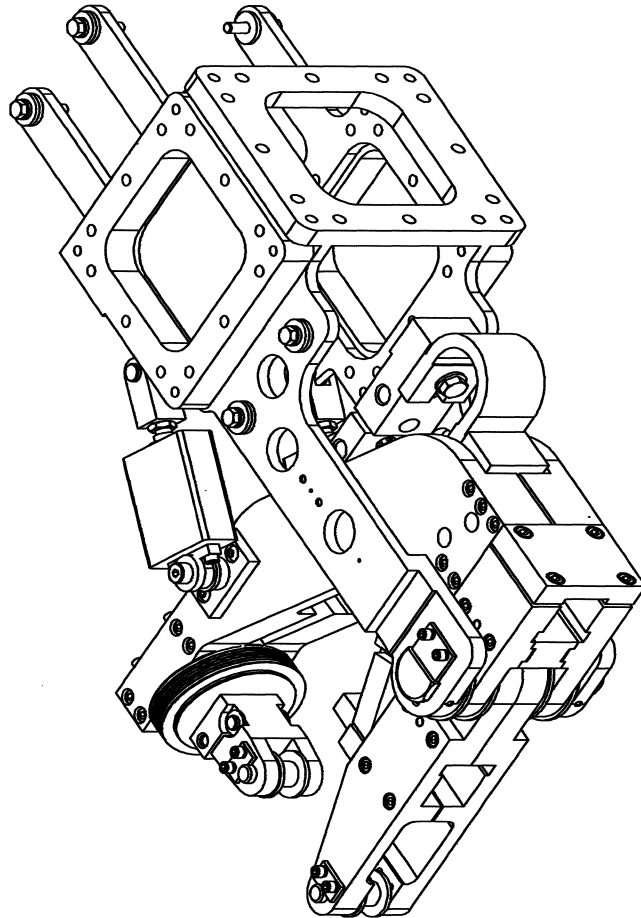
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| 1. 75051-xx Pinch Type/Robot Style Base Gun -Cover ... | 2-4                |
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| 3. Moveable Arm Assembly.....                          | 2-6                |
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| 11. 72200 Fulcrum Pin Assembly.....                    | 2-14               |
| 12. Clevis Assembly.....                               | 2-15               |
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| 14. 35043 Pin Assembly.....          | 2-17               |
| 15. 99016 Rod Boot Assembly.....     | 2-18               |
| 16. Equalizer Assembly.....          | 2-19               |
| 17. 90046-02 Equalizer Assembly..... | 2-20               |
| 18. Flash Guard Assembly.....        | 2-21               |

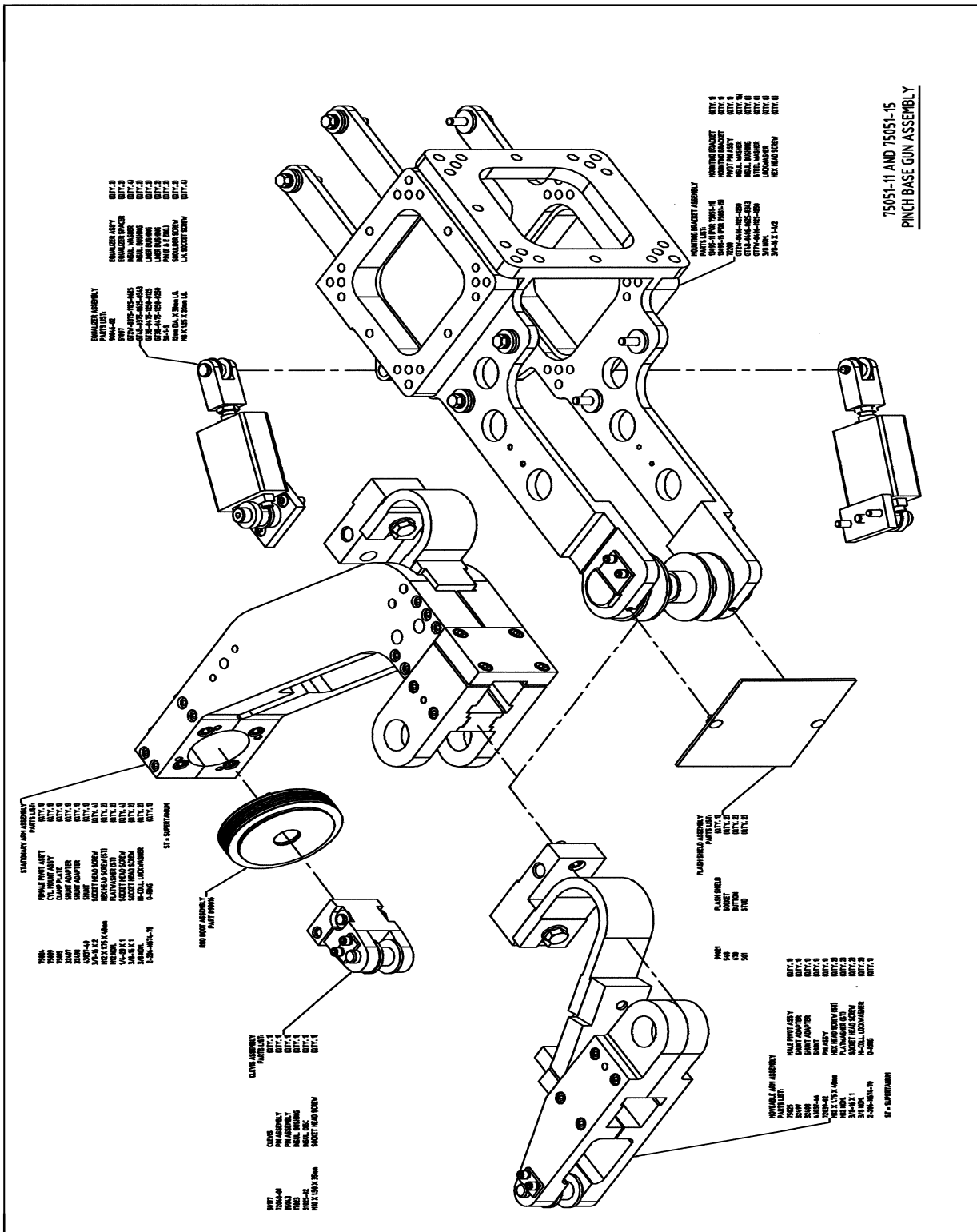


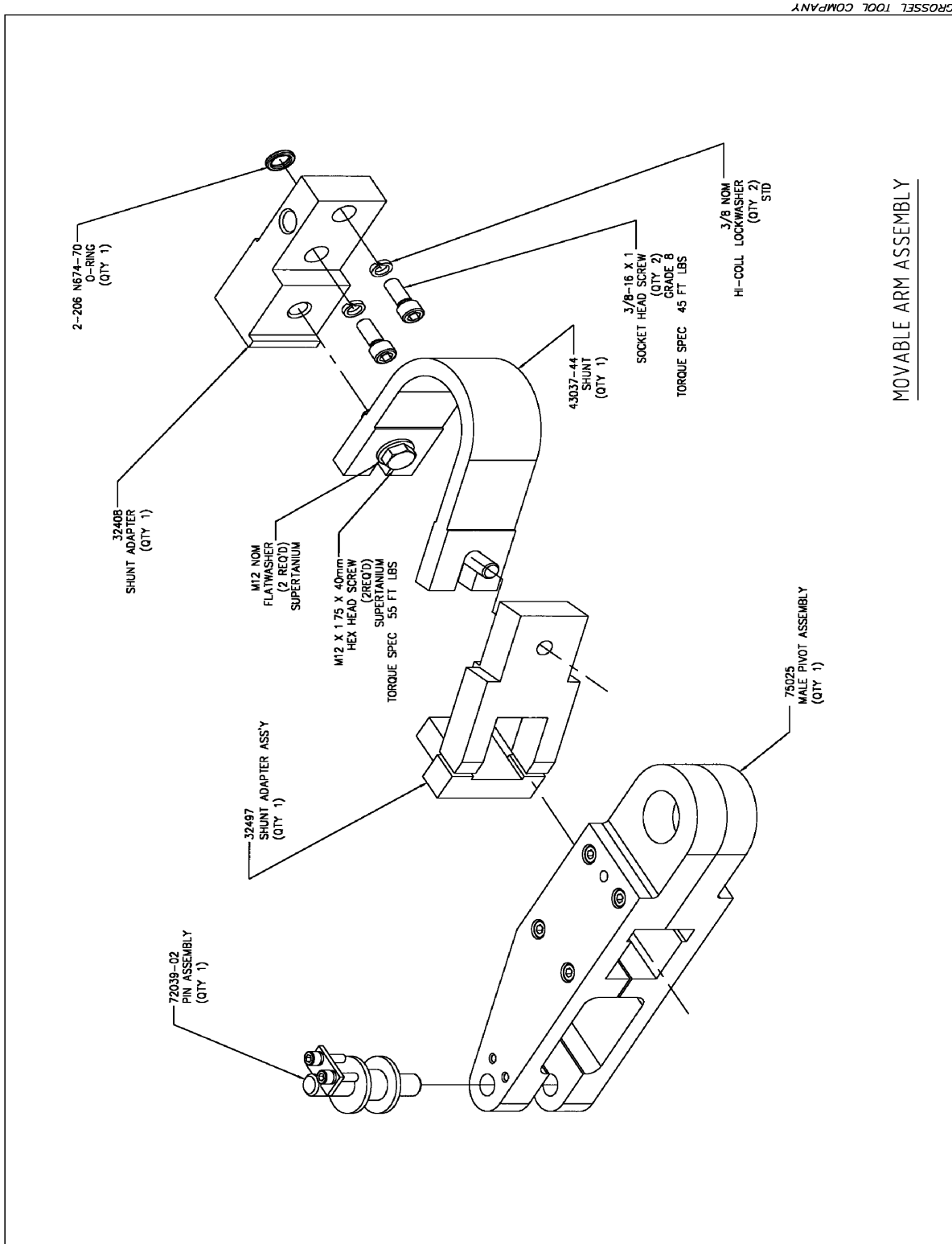


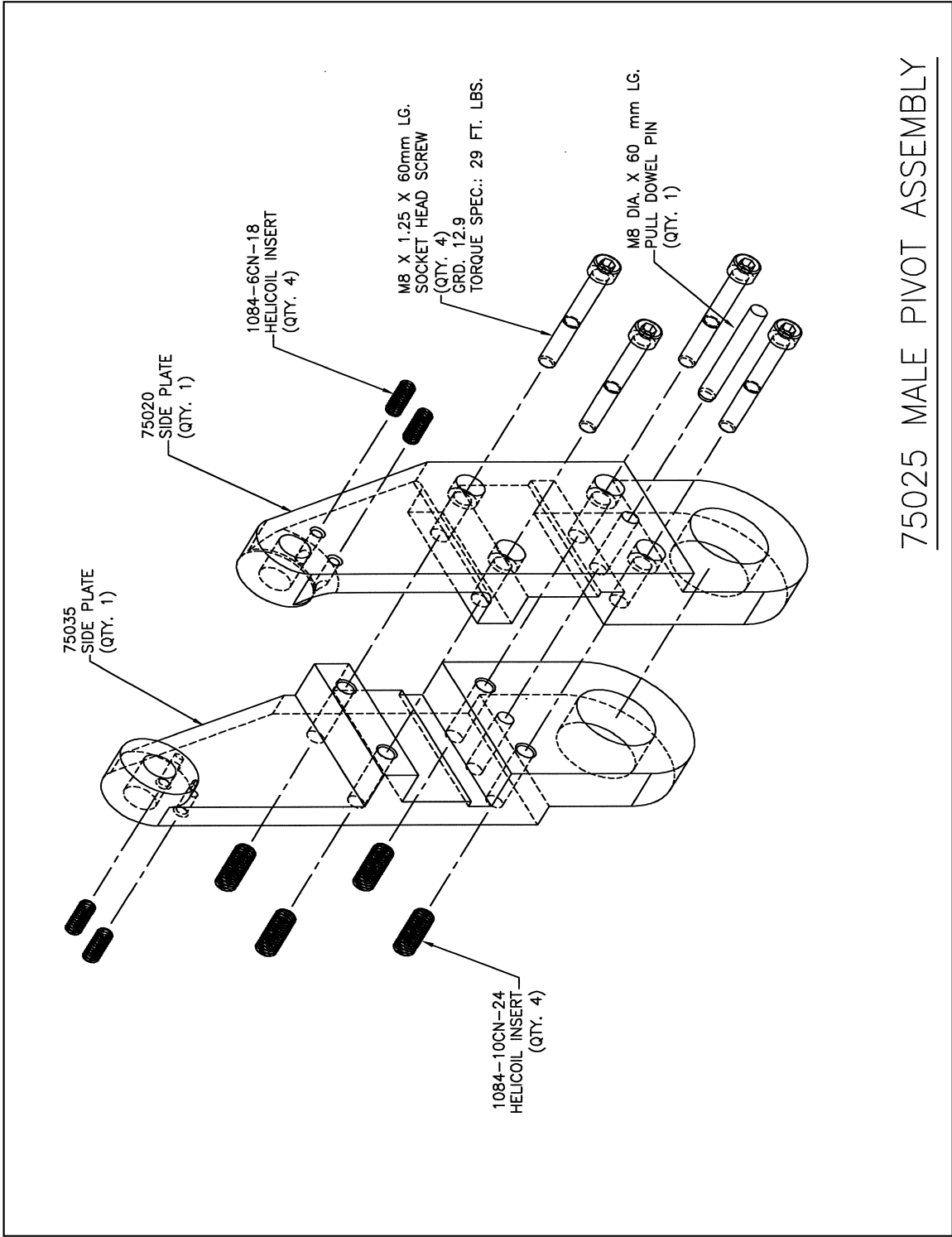


GROSSEL TOOL CO.  
PINCH TYPE / ROBOT STYLE  
BASE GUN ASSEMBLY  
"75051-11" & "75051-15"

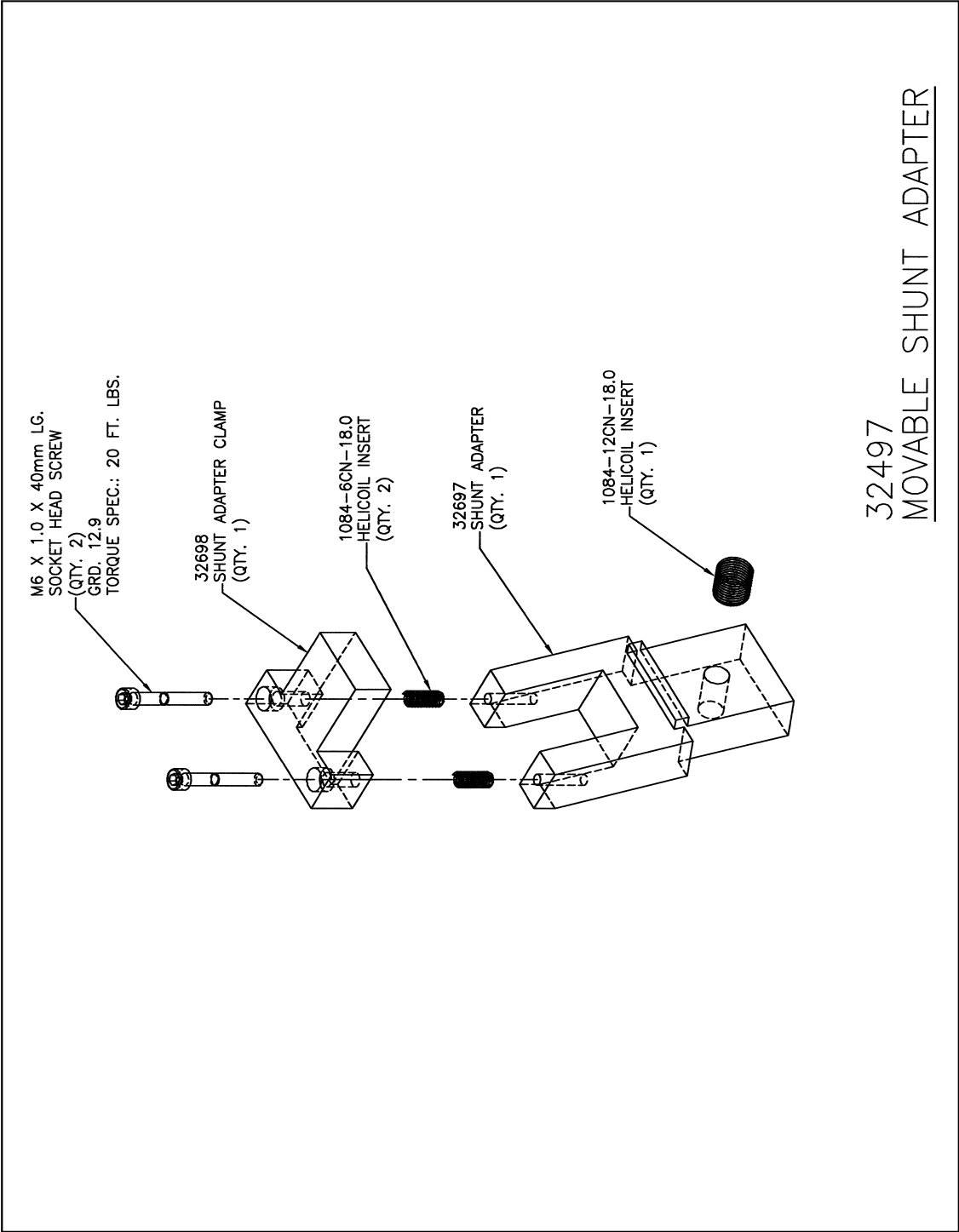
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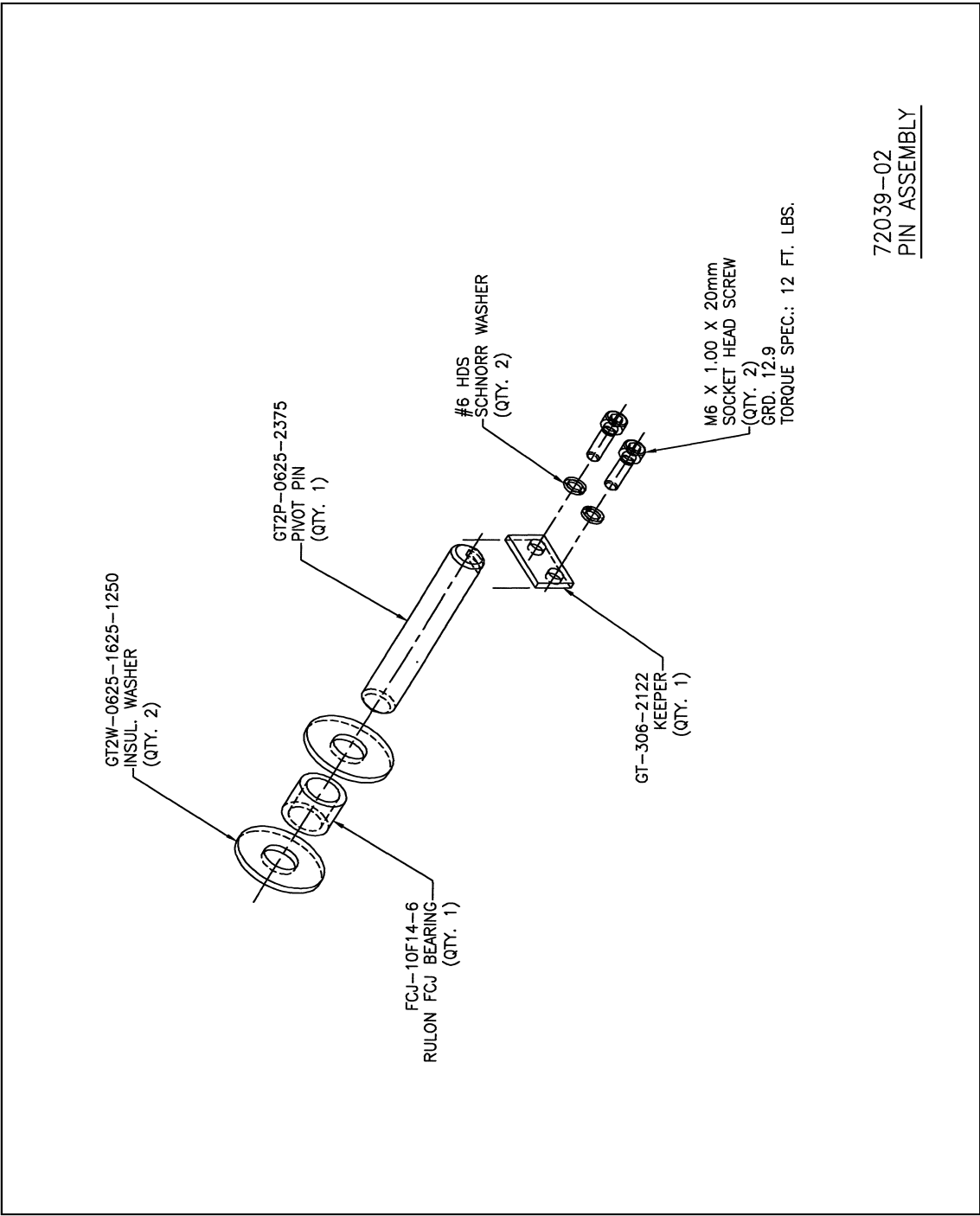


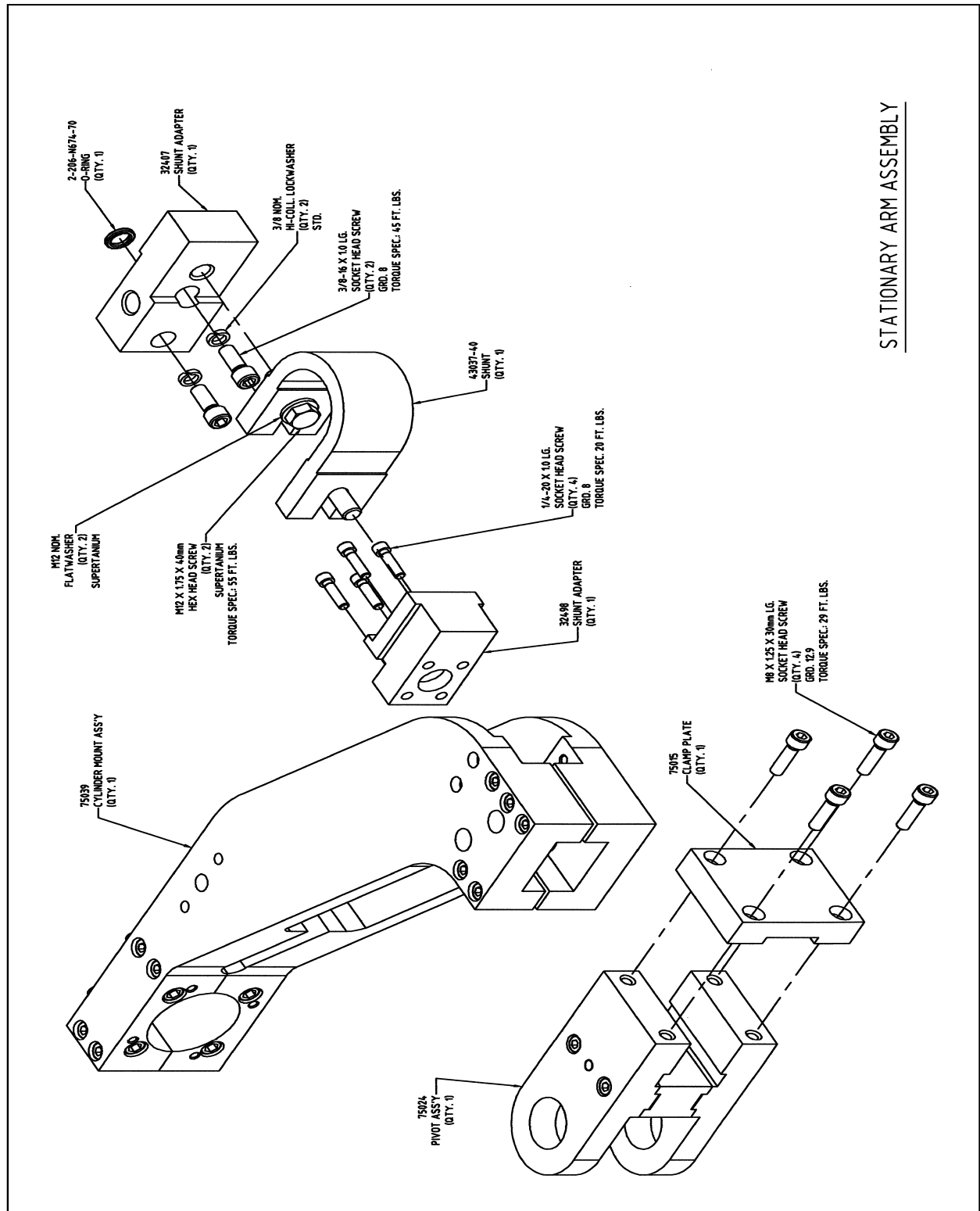


75025 MALE PIVOT ASSEMBLY



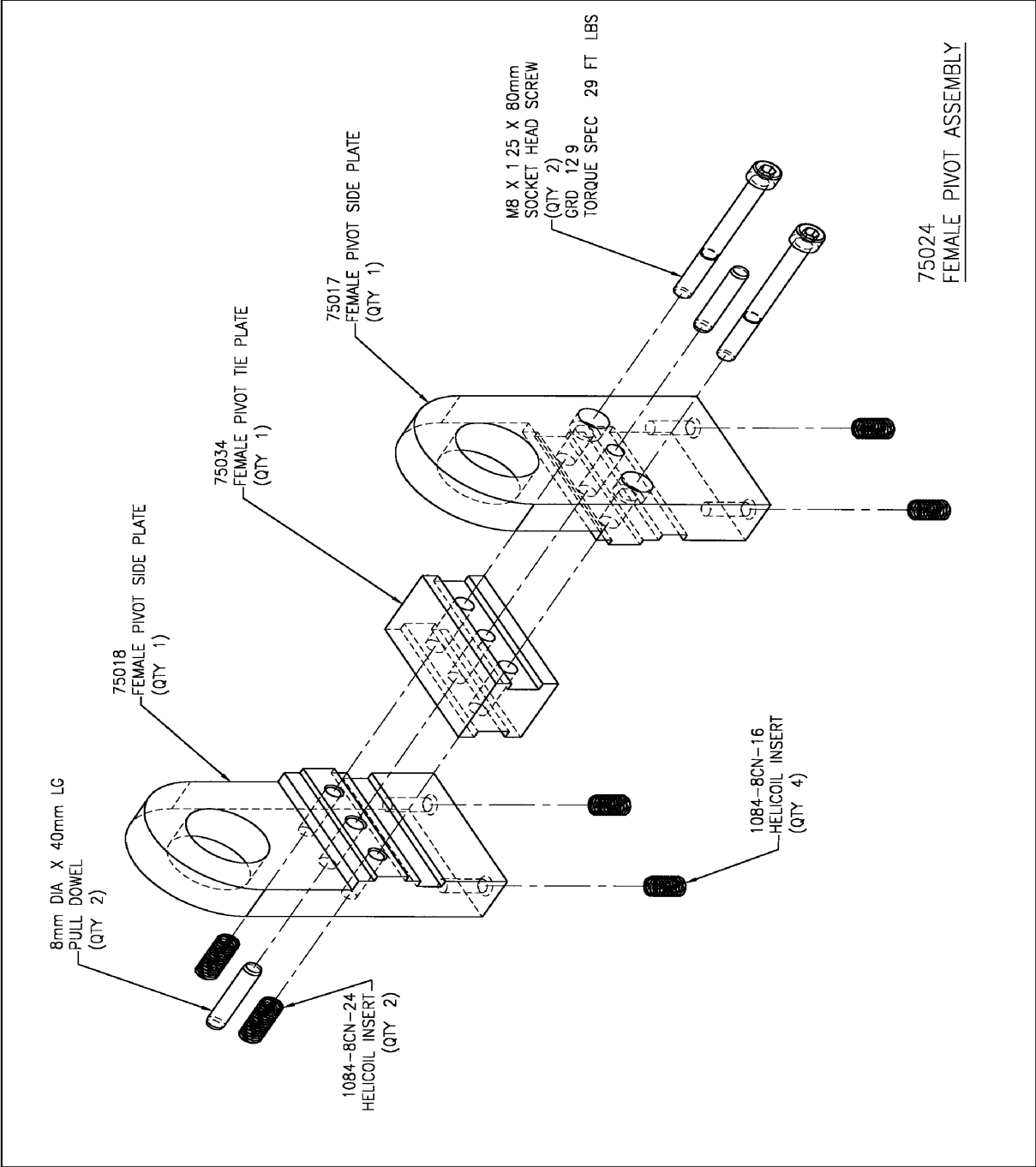
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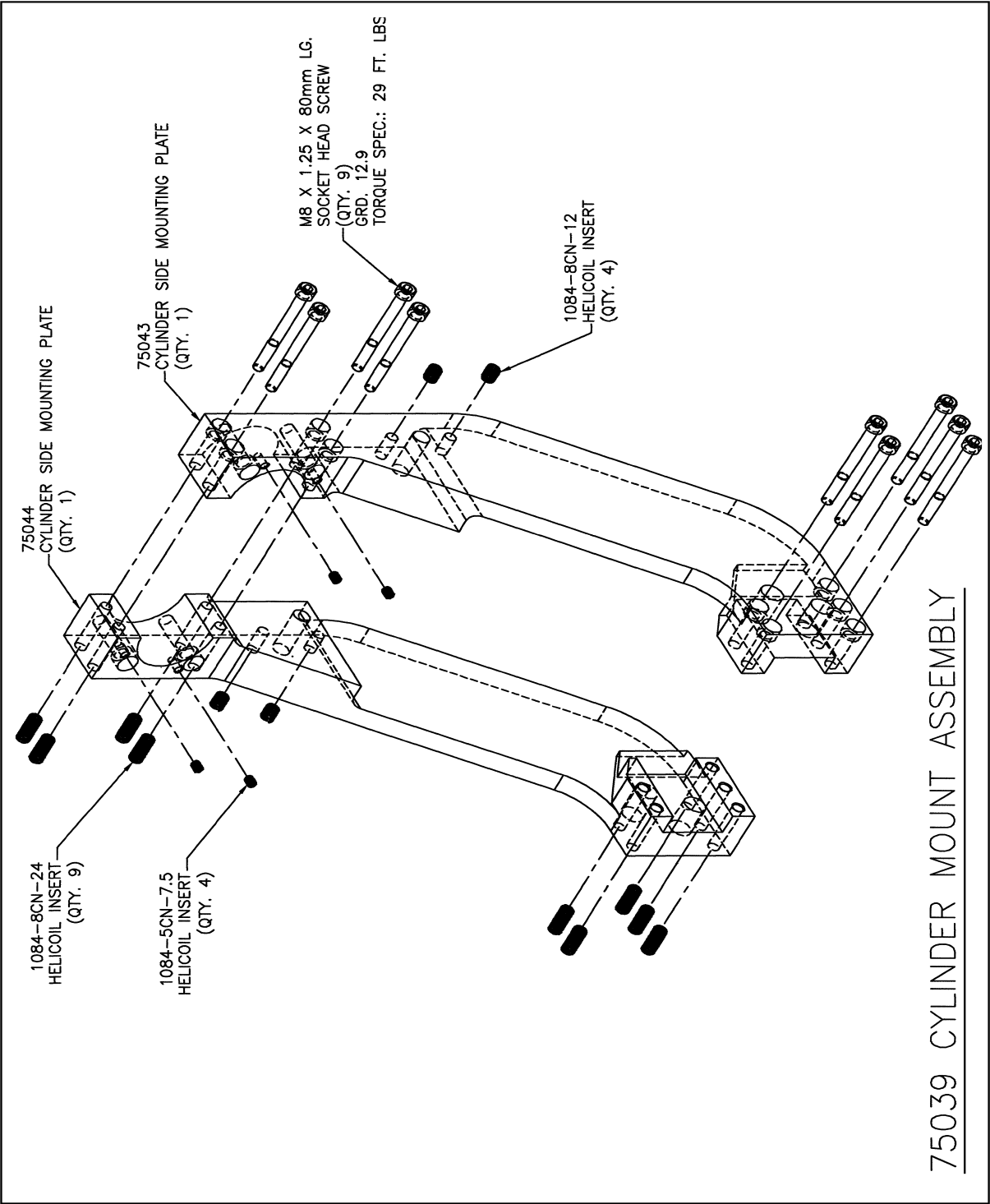


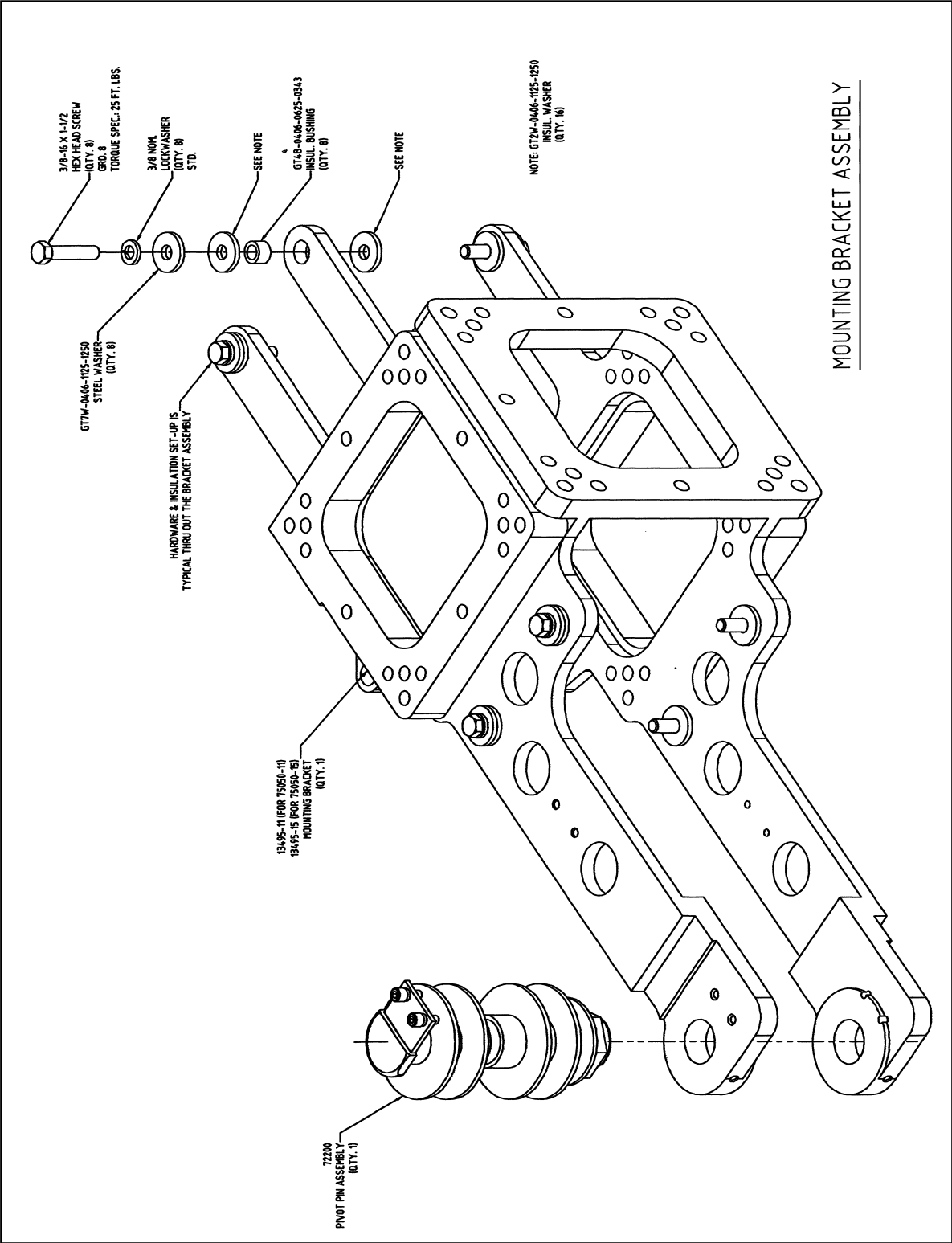
STATIONARY ARM ASSEMBLY

GROSSEL TOOL COMPANY

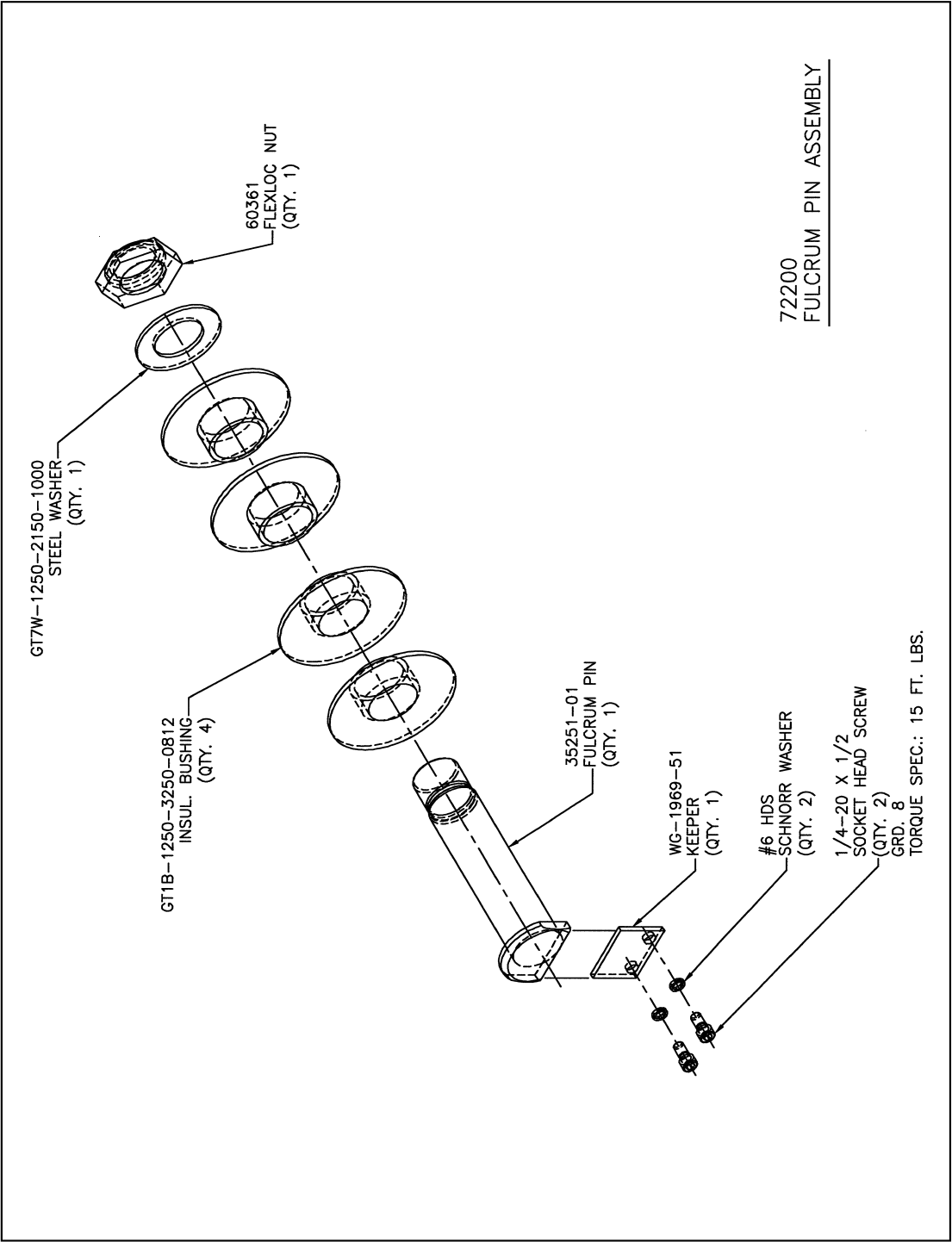






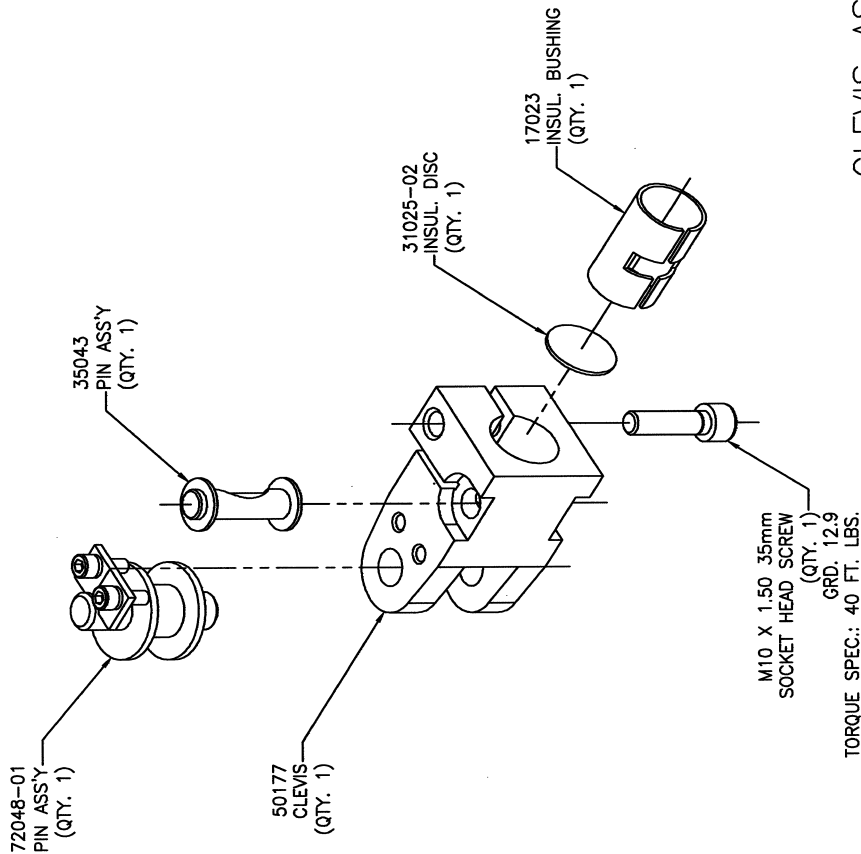


GROSSEL TOOL COMPANY

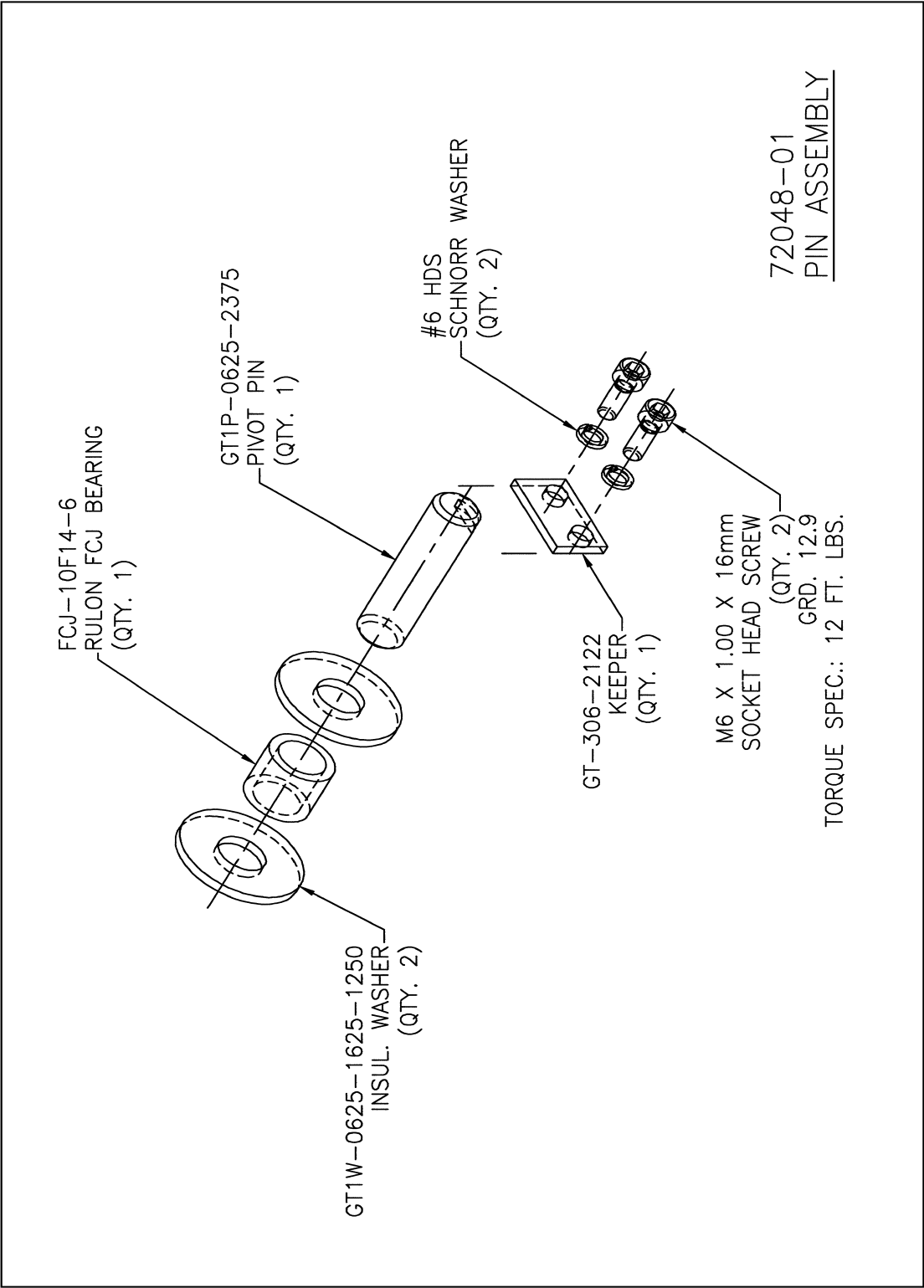


GROSSEL TOOL COMPANY

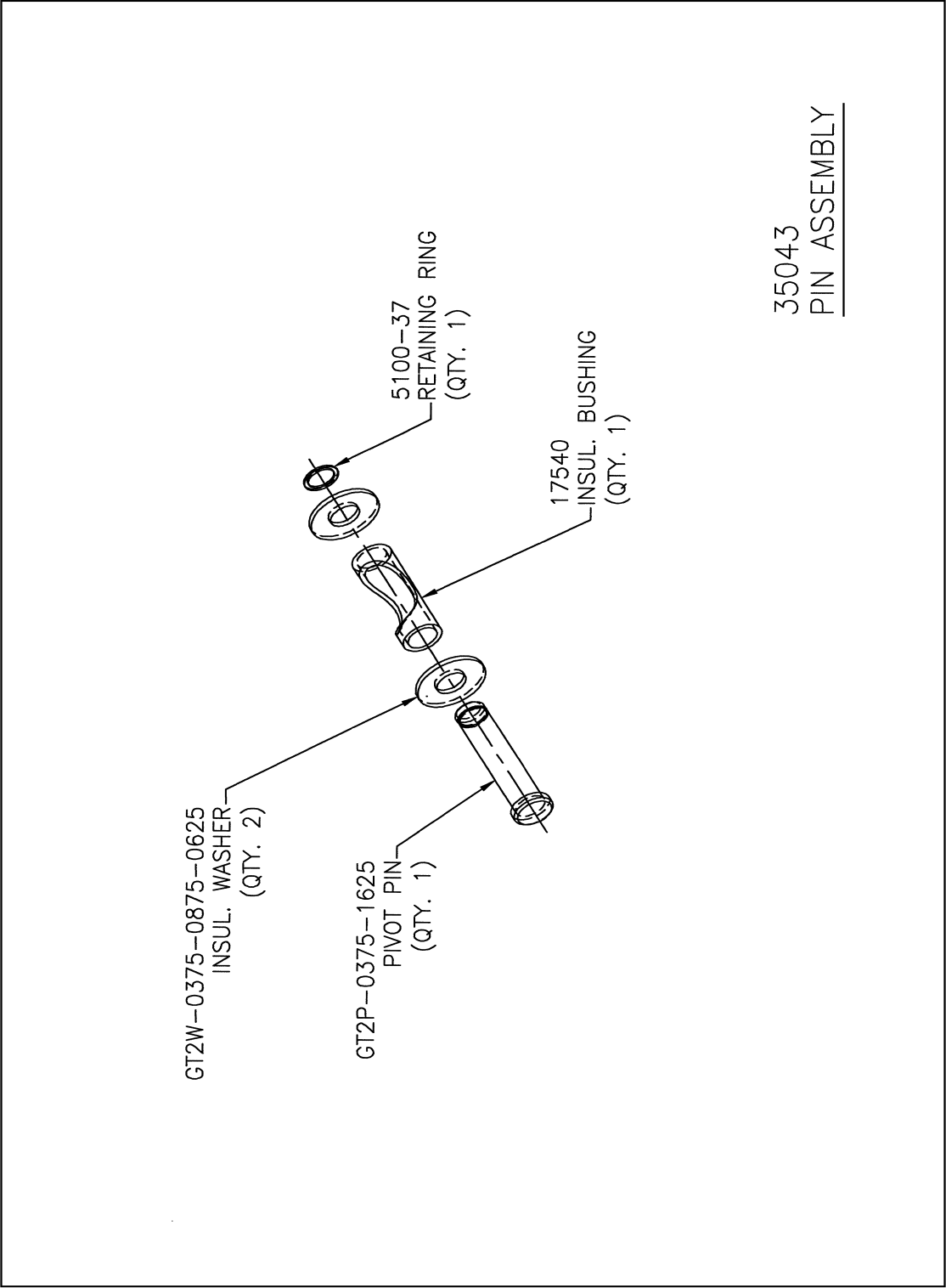
CLEVIS ASSEMBLY



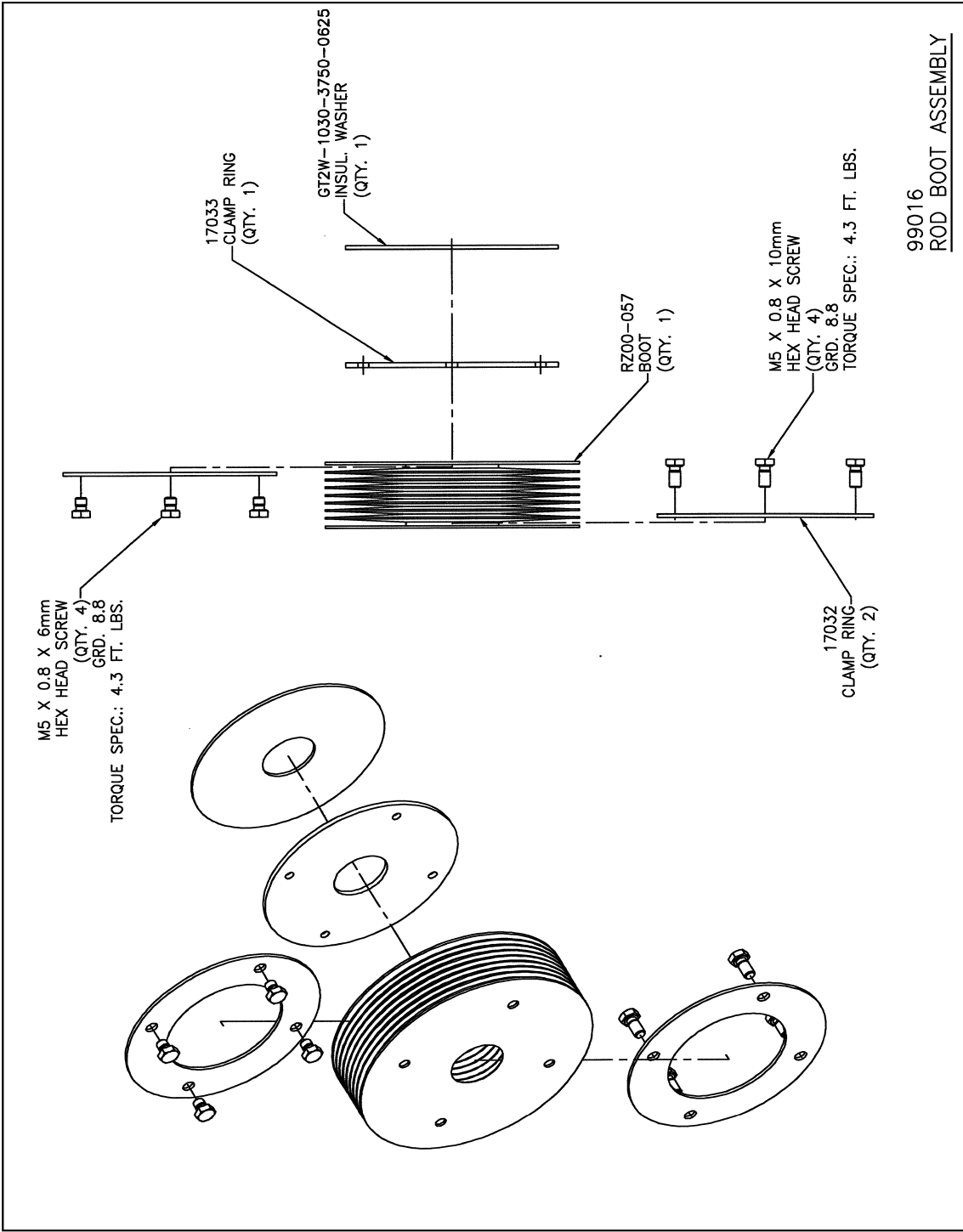
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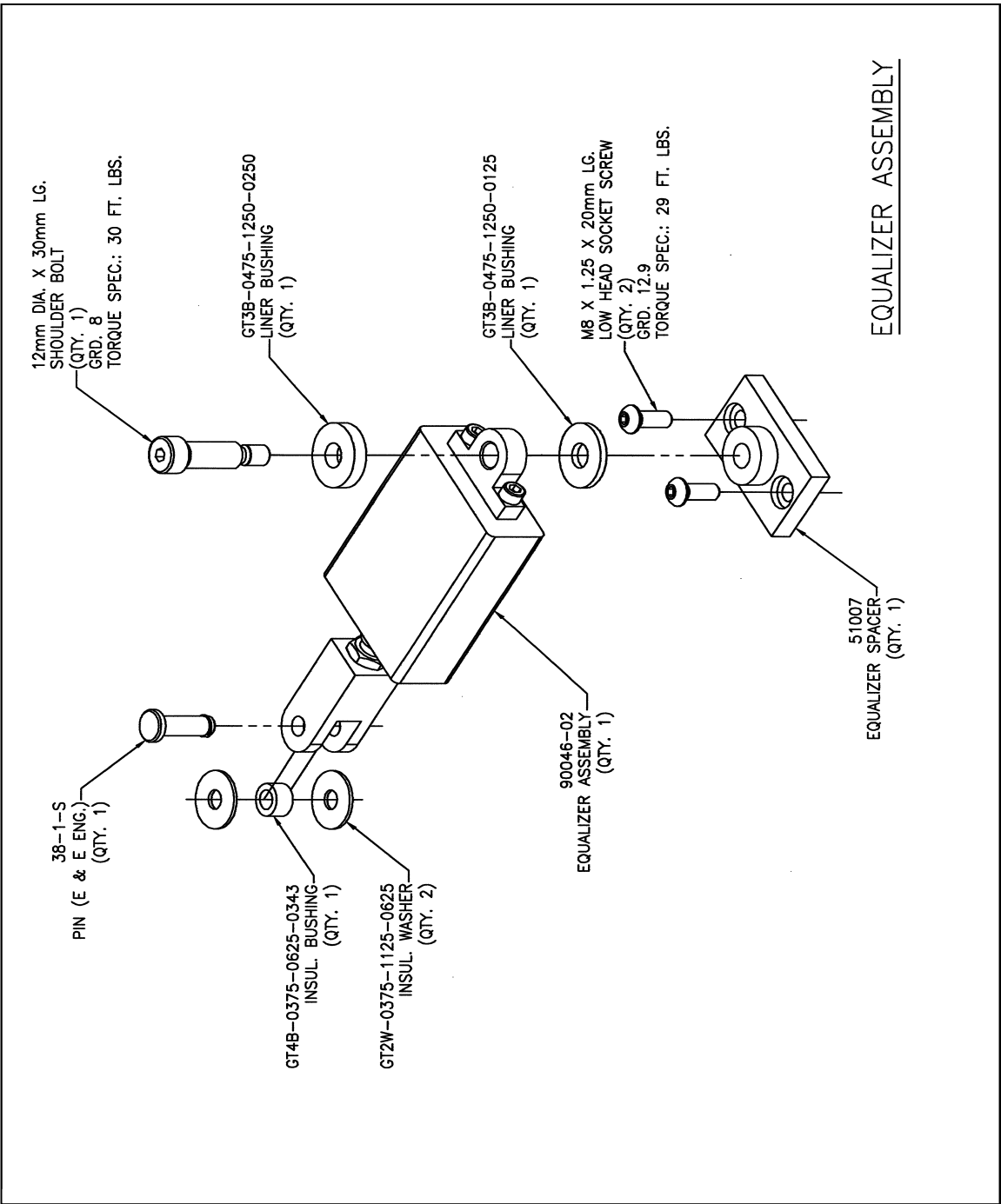


GROSSEL TOOL COMPANY



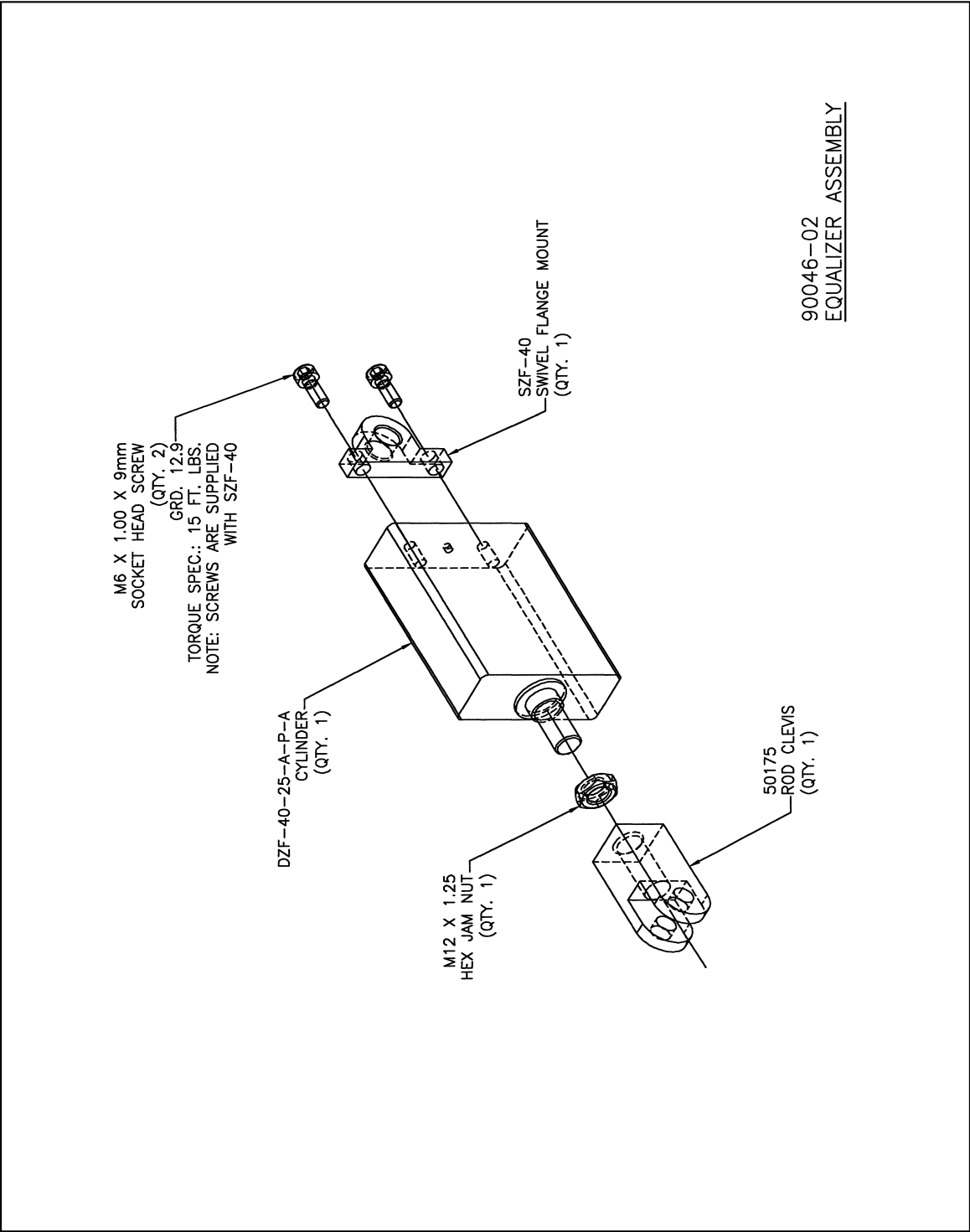
99016  
ROD BOOT ASSEMBLY

GROSSEL TOOL COMPANY

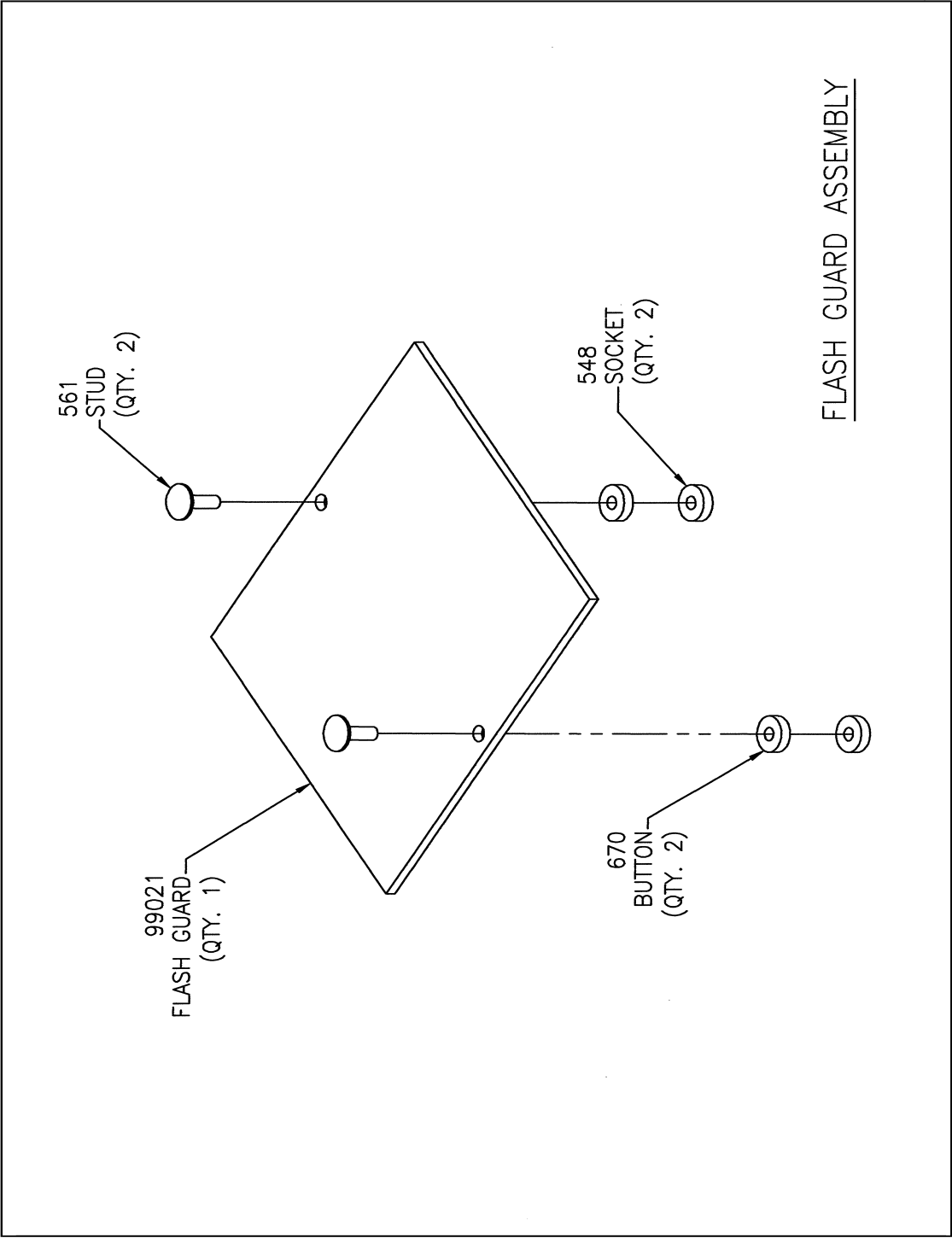




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## **Section 3**

**75071-xx**

### **Pinch Type/Robot Style Base Gun**

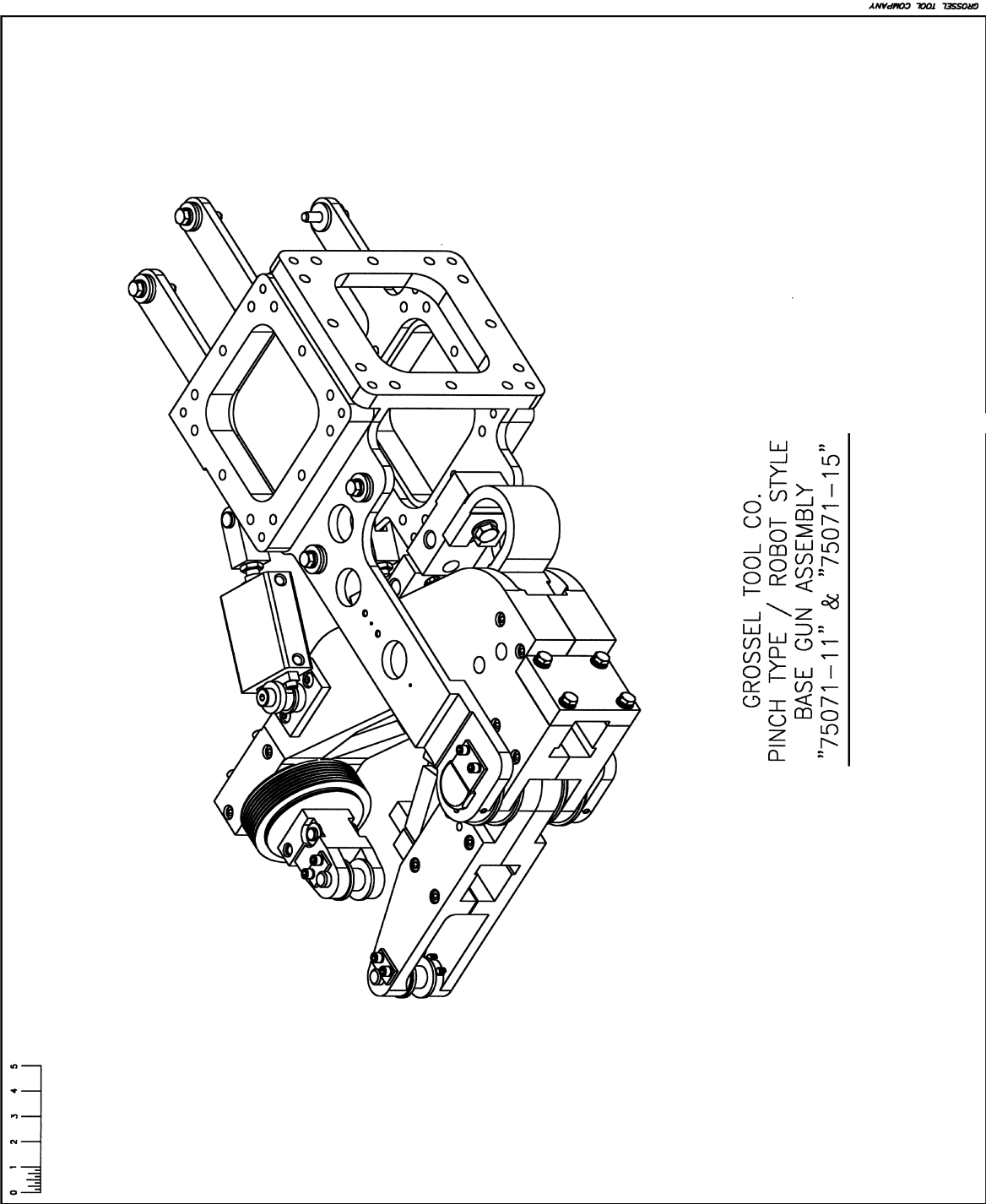


## **75071 Print List**

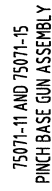
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| 5. 32497 Movable Shunt Adapter.....                    | 3-8                |
| 6. 72039-02 Pin Assembly.....                          | 3-9                |
| 7. Stationary Arm Assembly.....                        | 3-10               |
| 8. 75066 Cylinder Mount Assembly.....                  | 3-11               |
| 9. Mounting Bracket Assembly.....                      | 3-12               |
| 10. 72200 Fulcrum Pin Assembly.....                    | 3-13               |
| 11. Clevis Assembly.....                               | 3-14               |
| 12. 72048-01 Pin Assembly.....                         | 3-15               |
| 13. 35043 Pin Assembly.....                            | 3-16               |

## **75071 Print List (cont'd)**

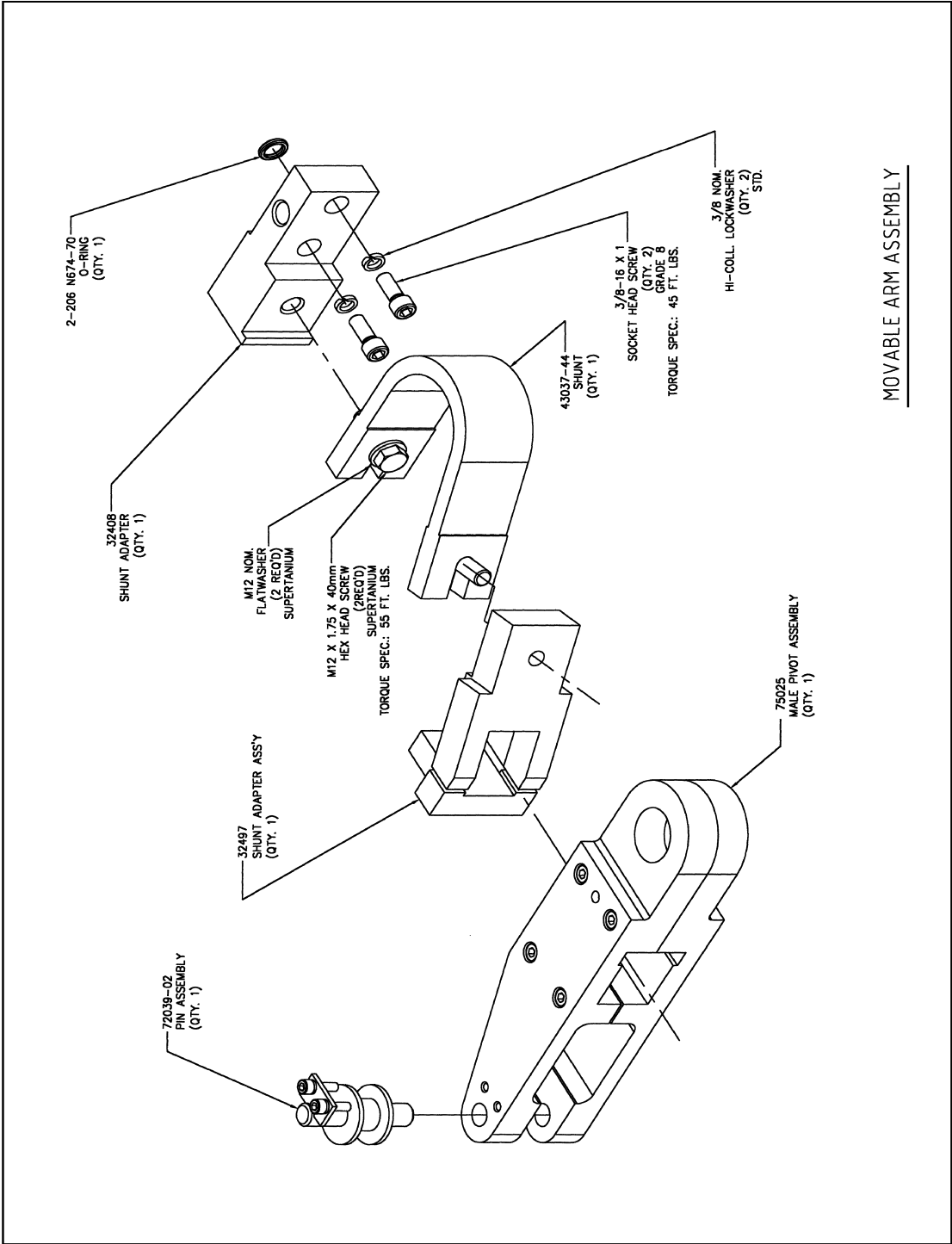
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| <b>11. Equalizer Assembly.....</b>          | <b>3-18</b>        |
| <b>12. 90046-02 Equalizer Assembly.....</b> | <b>3-19</b>        |
| <b>13. Flash Guard Assembly.....</b>        | <b>3-20</b>        |



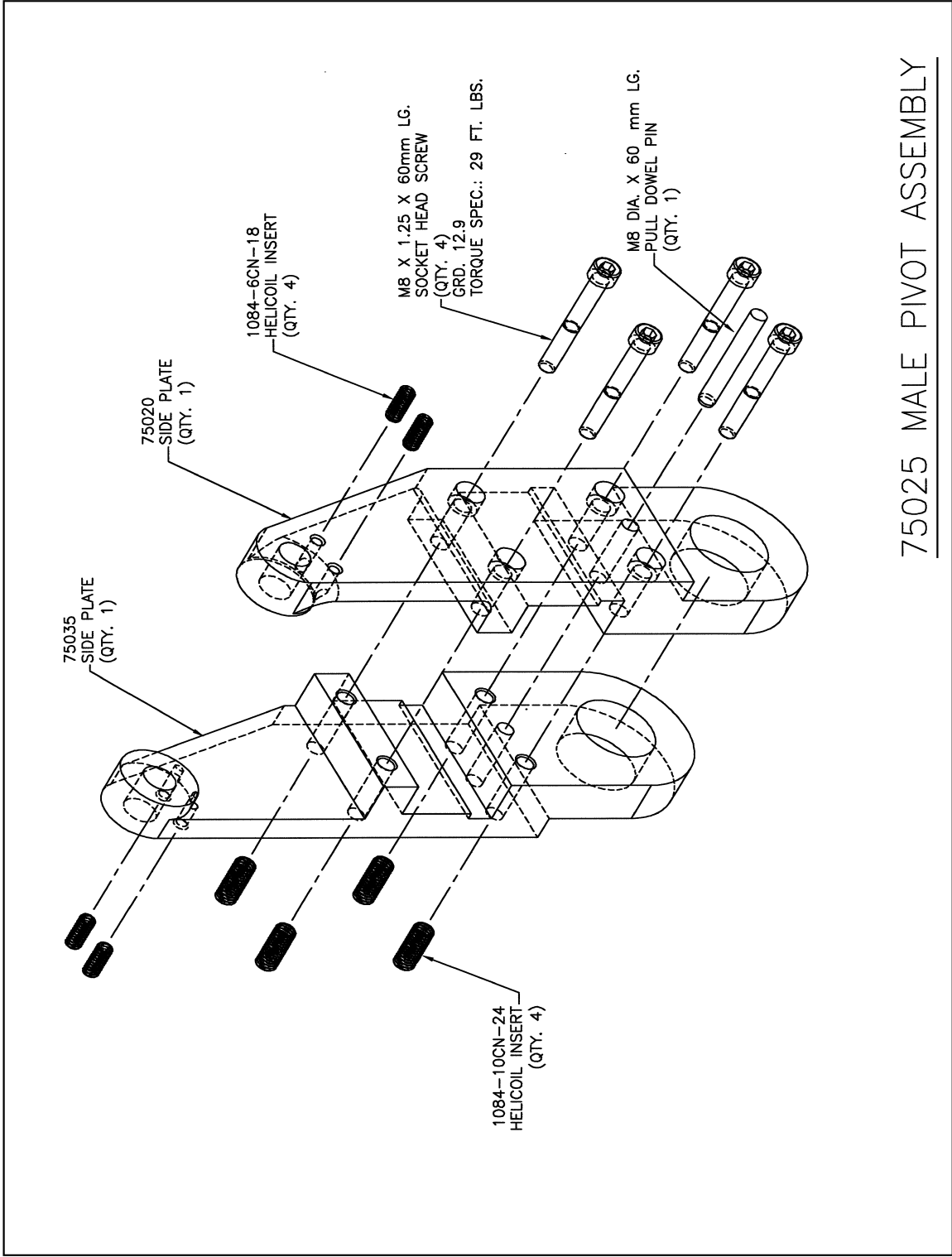
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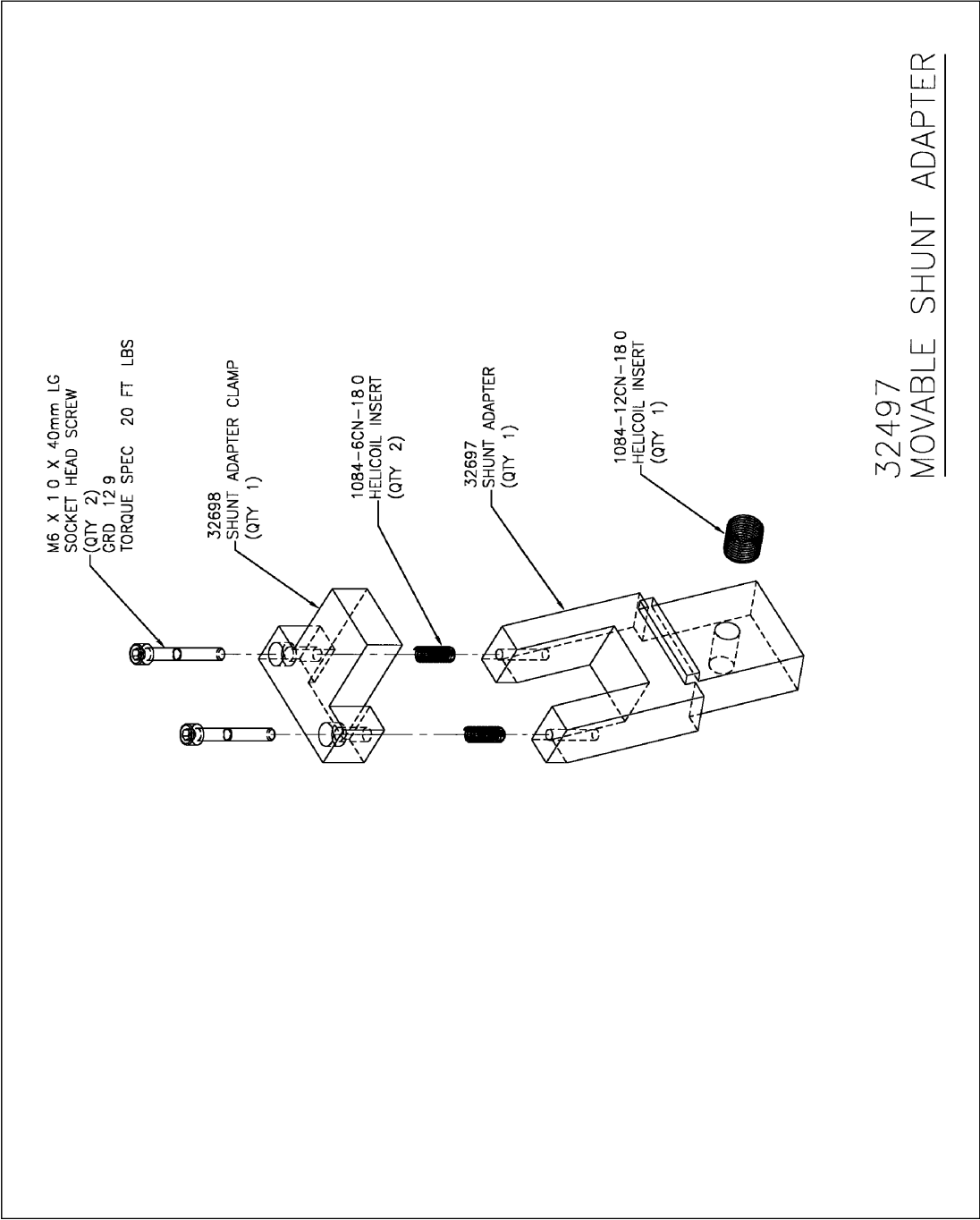


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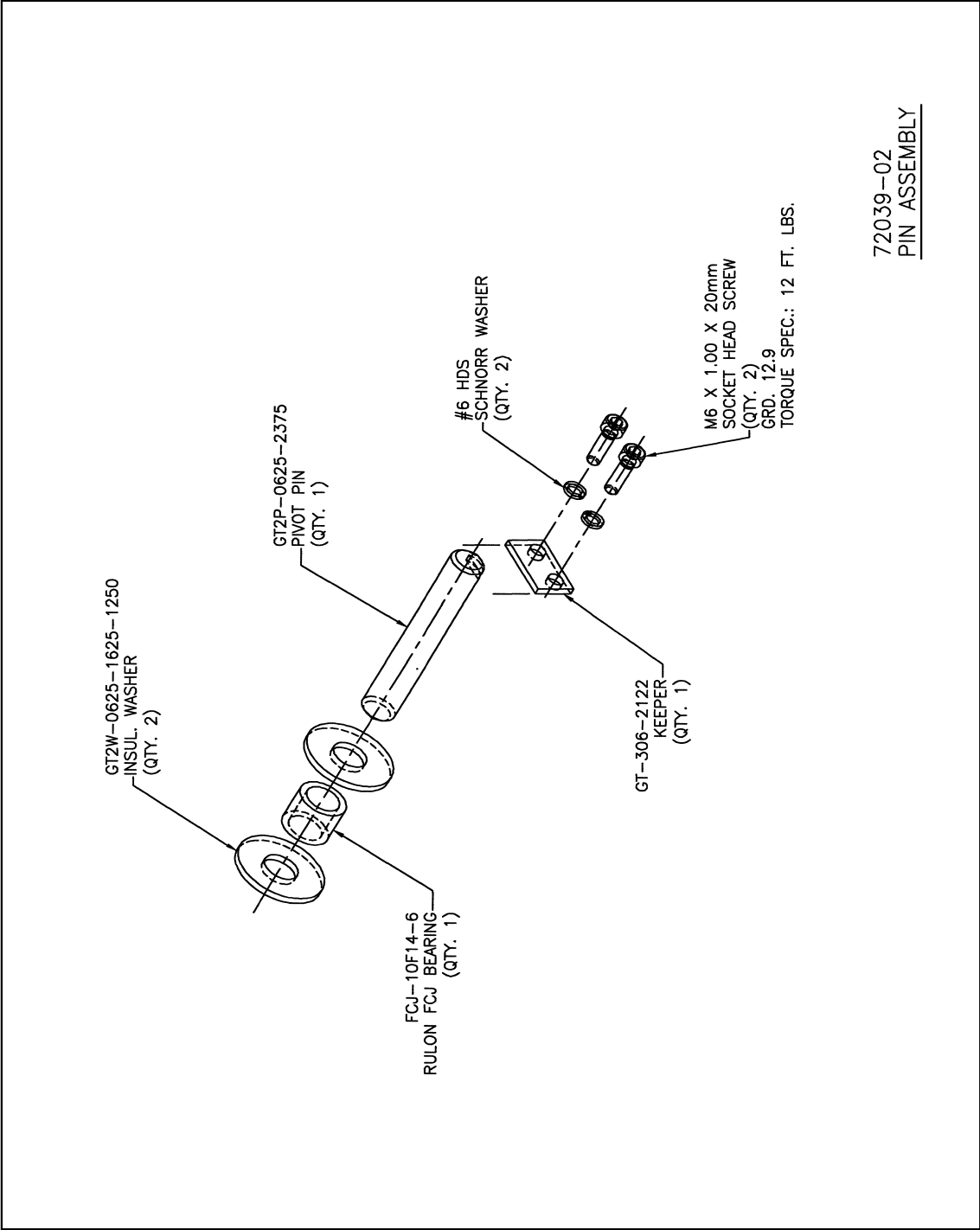


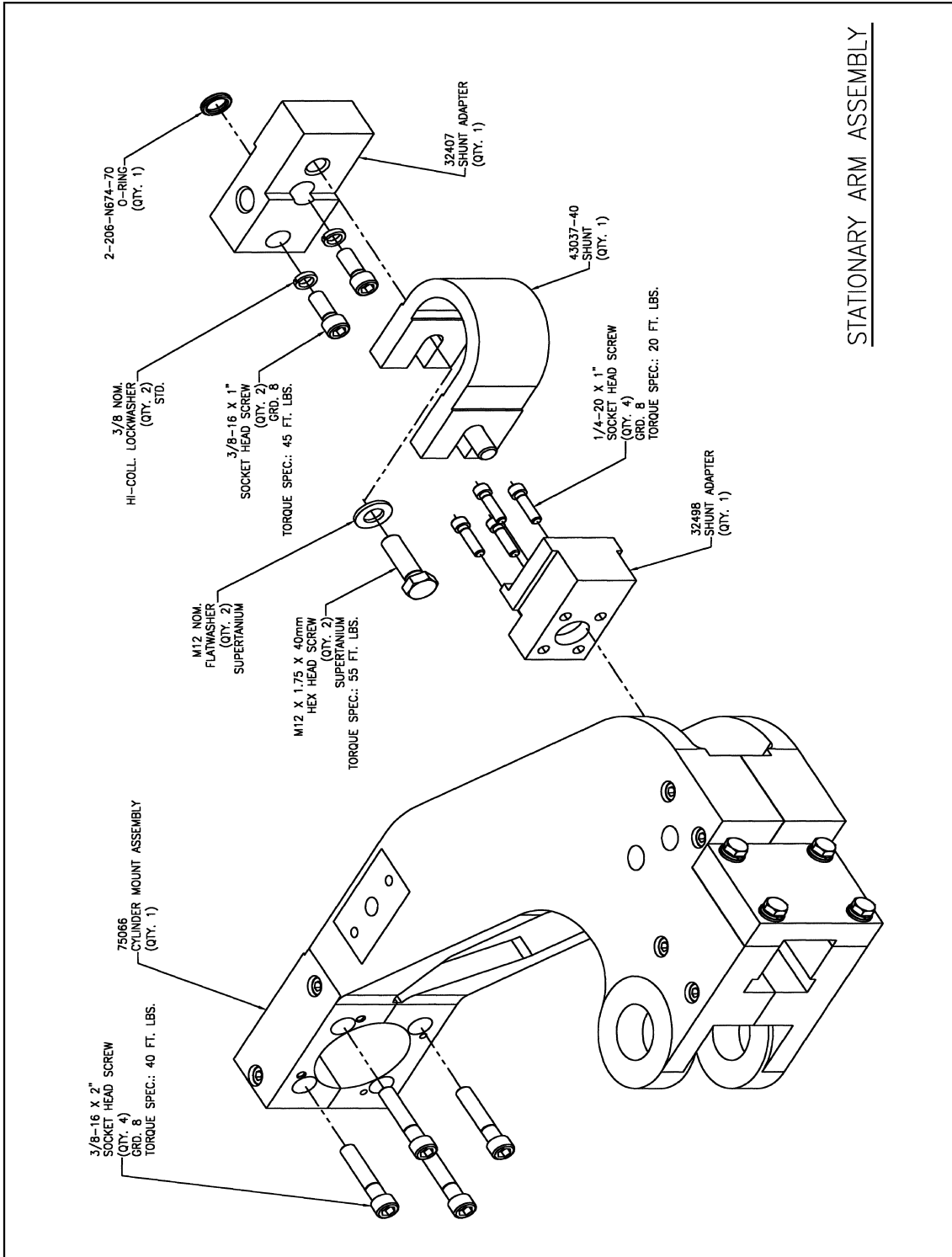




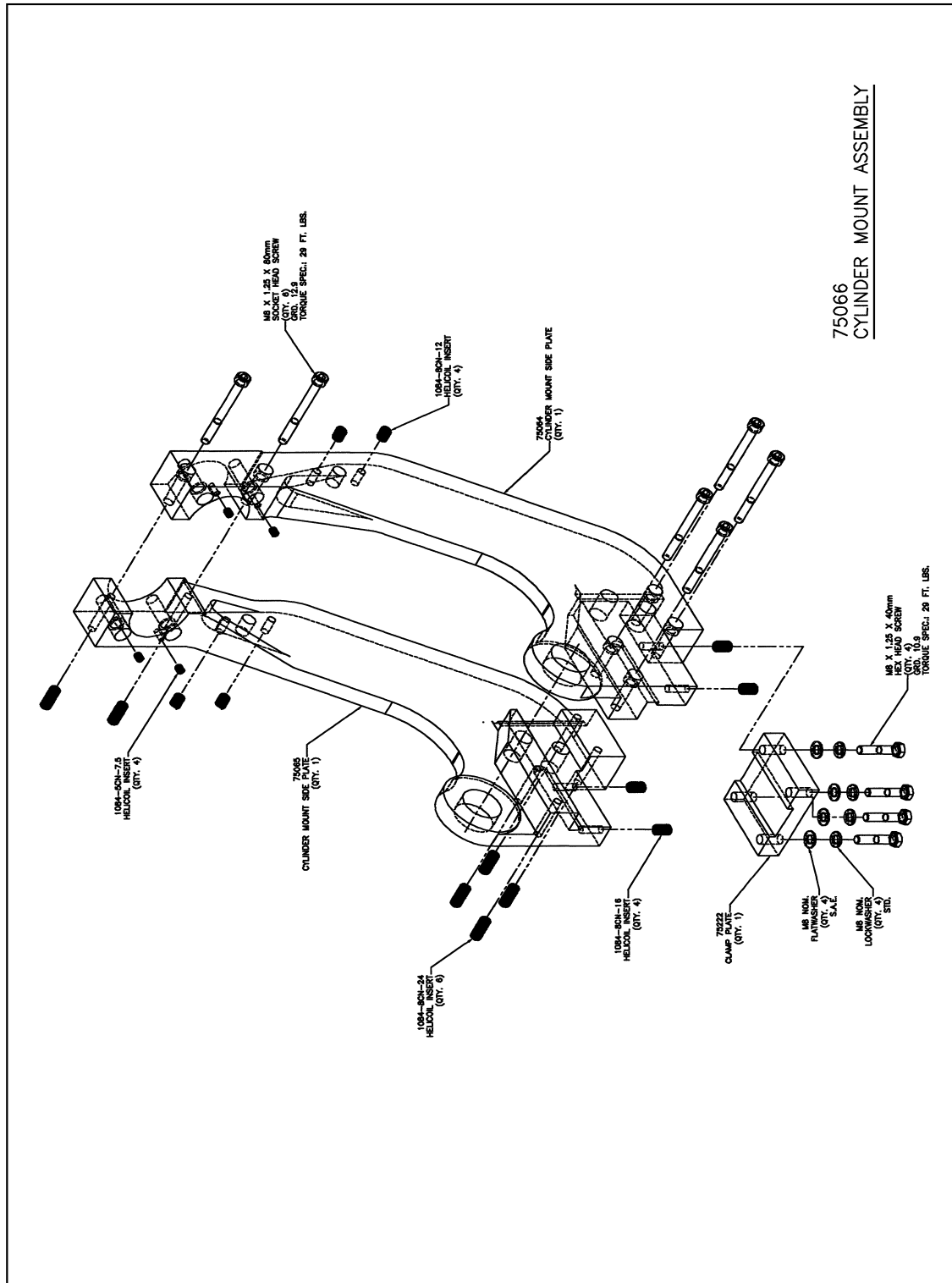


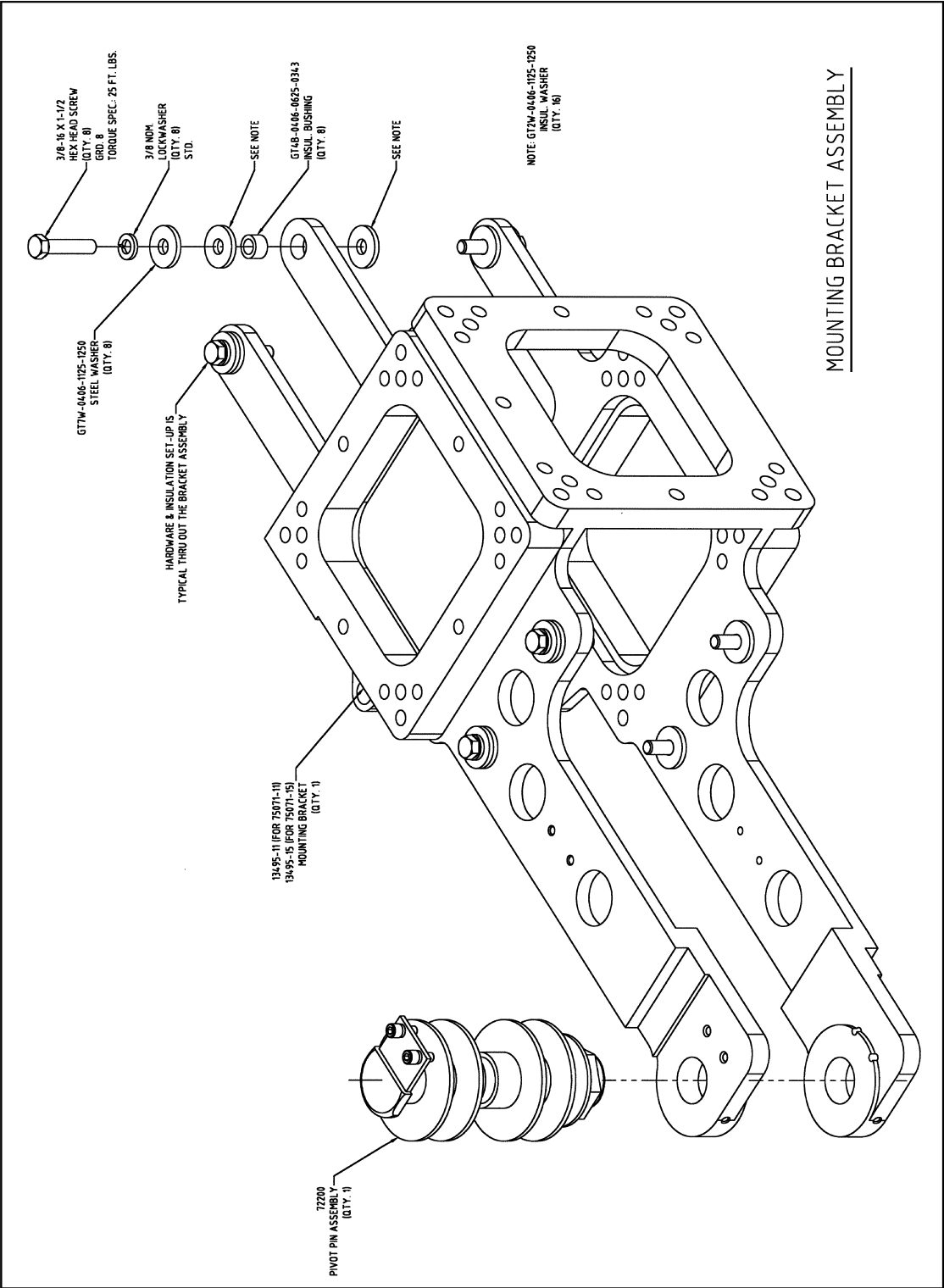
GROSSEL TOOL COMPANY



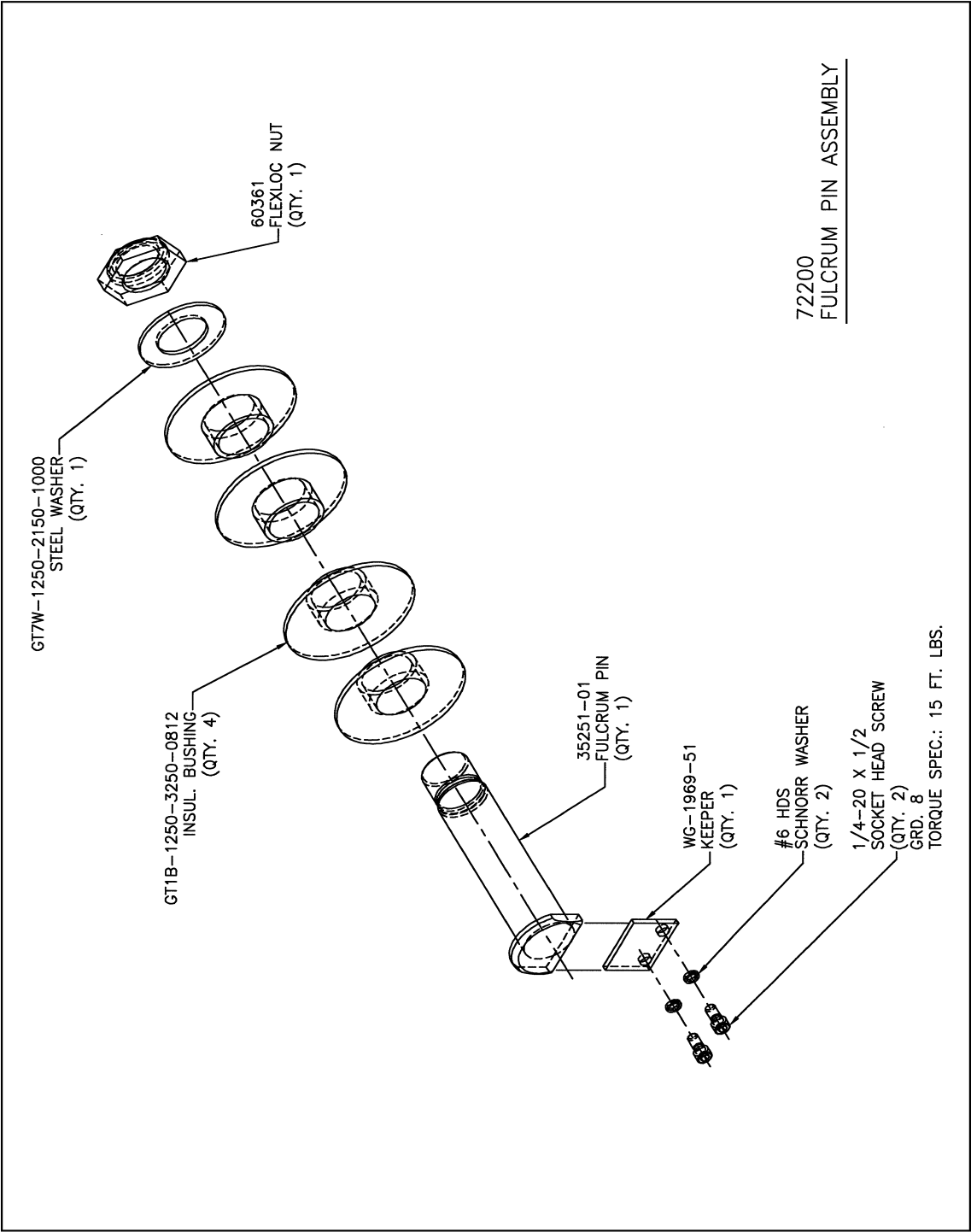


STATIONARY ARM ASSEMBLY



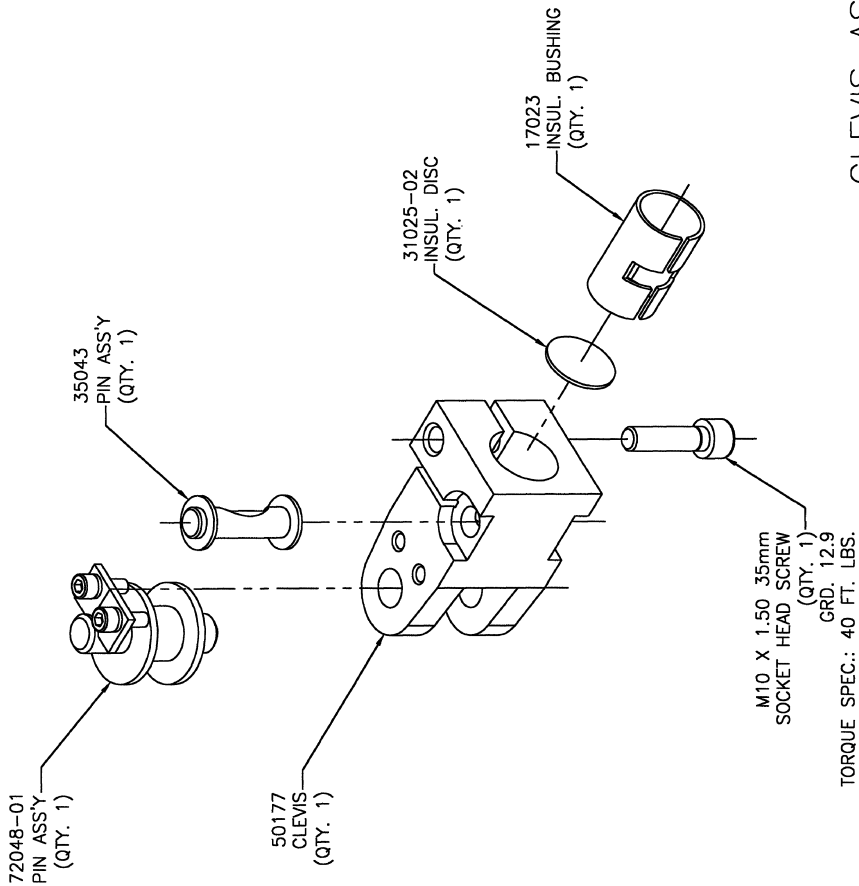


GROSSEL TOOL COMPANY



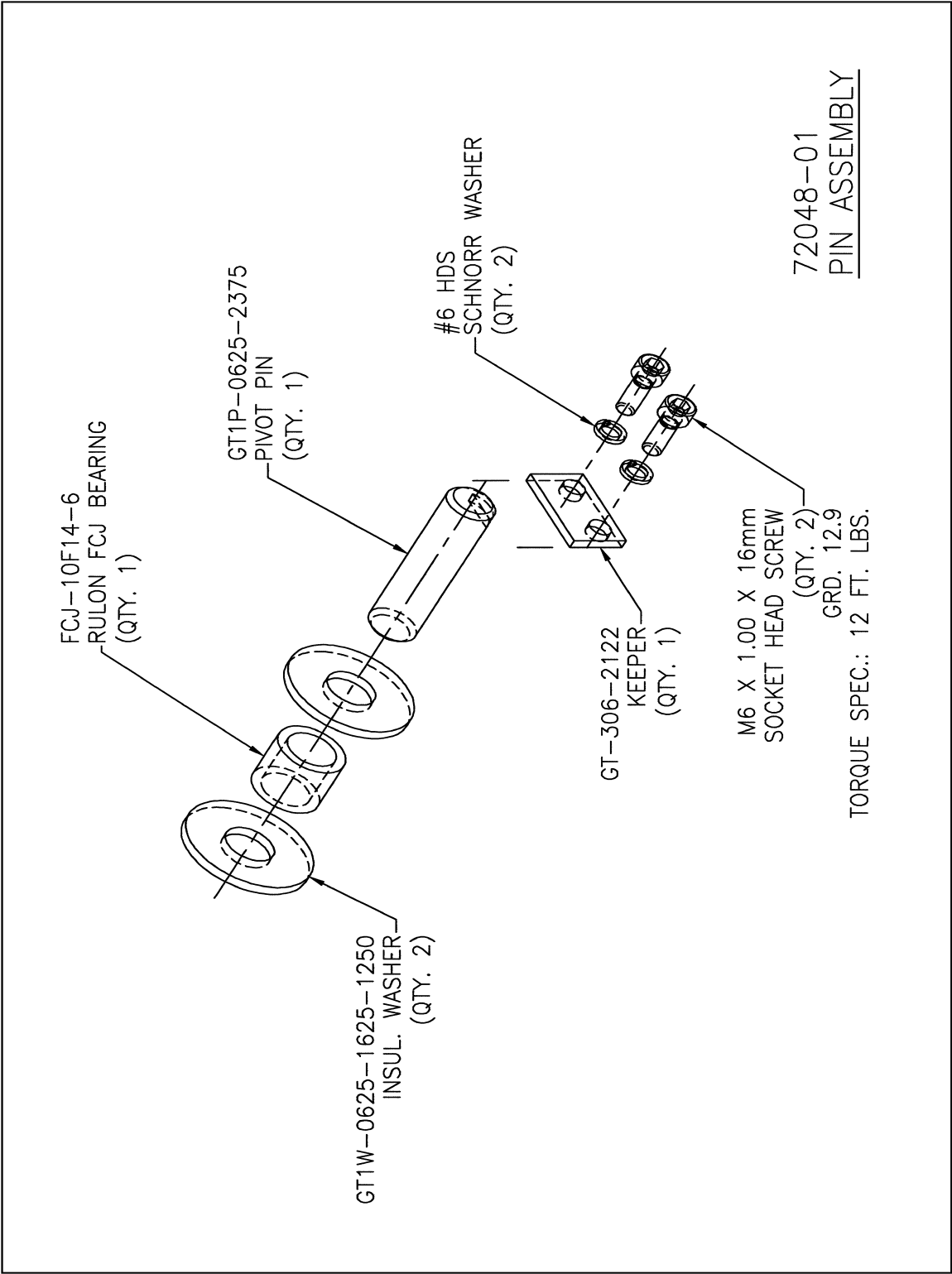
GROSSEL TOOL COMPANY

CLEVIS ASSEMBLY

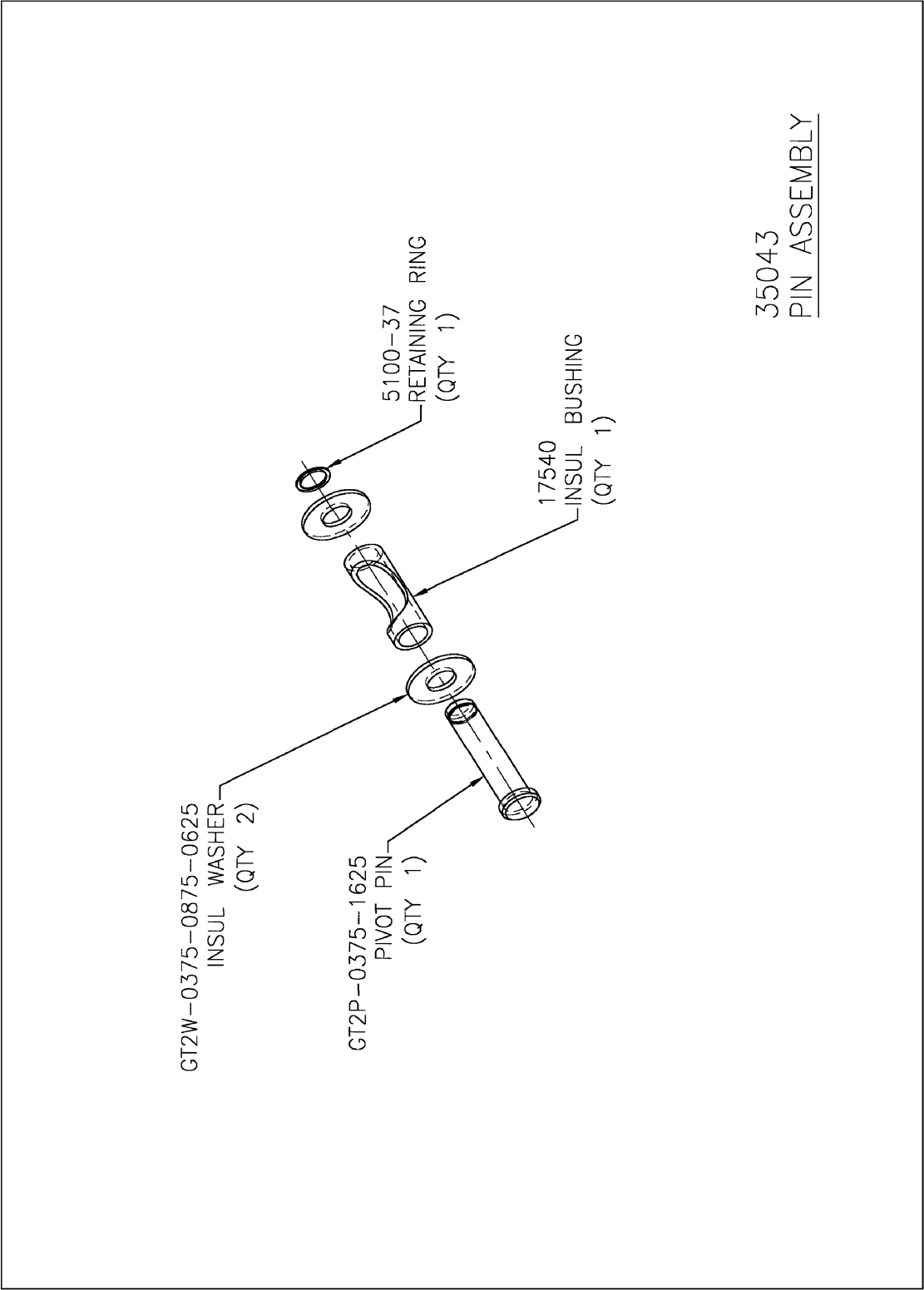




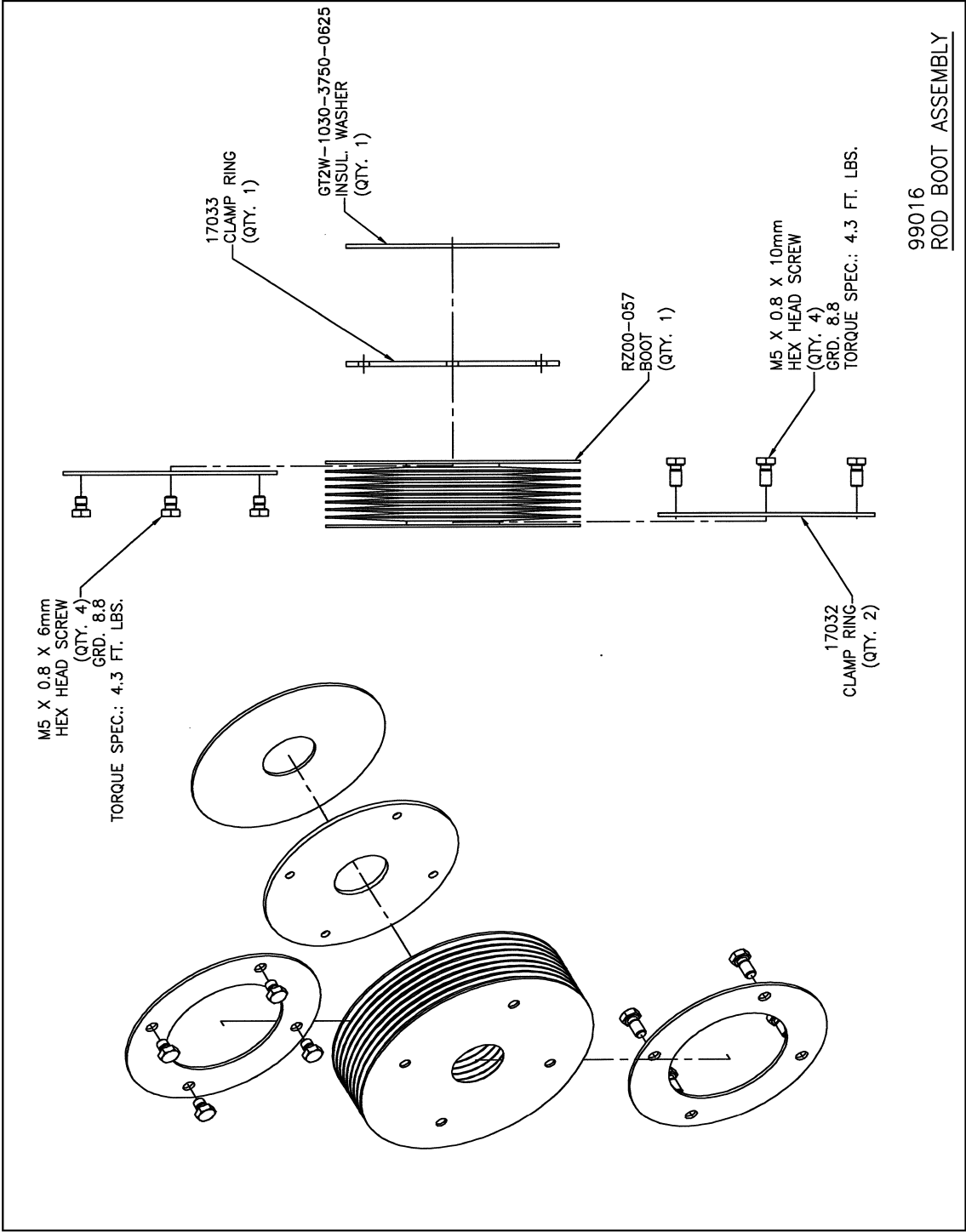
GROSSEFI TOOL COMPANY



GROSSEL TOOL COMPANY

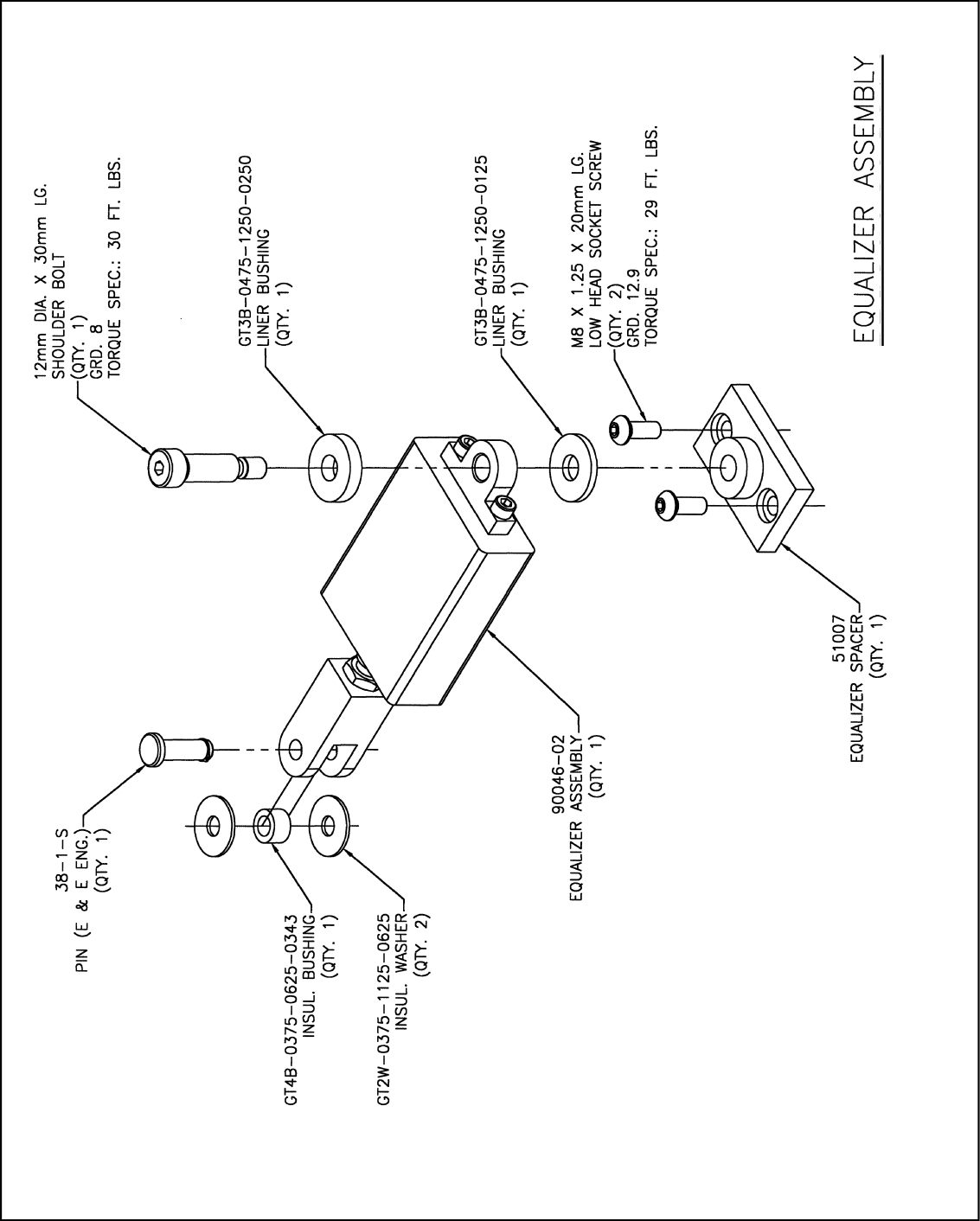


GROSSEL TOOL COMPANY

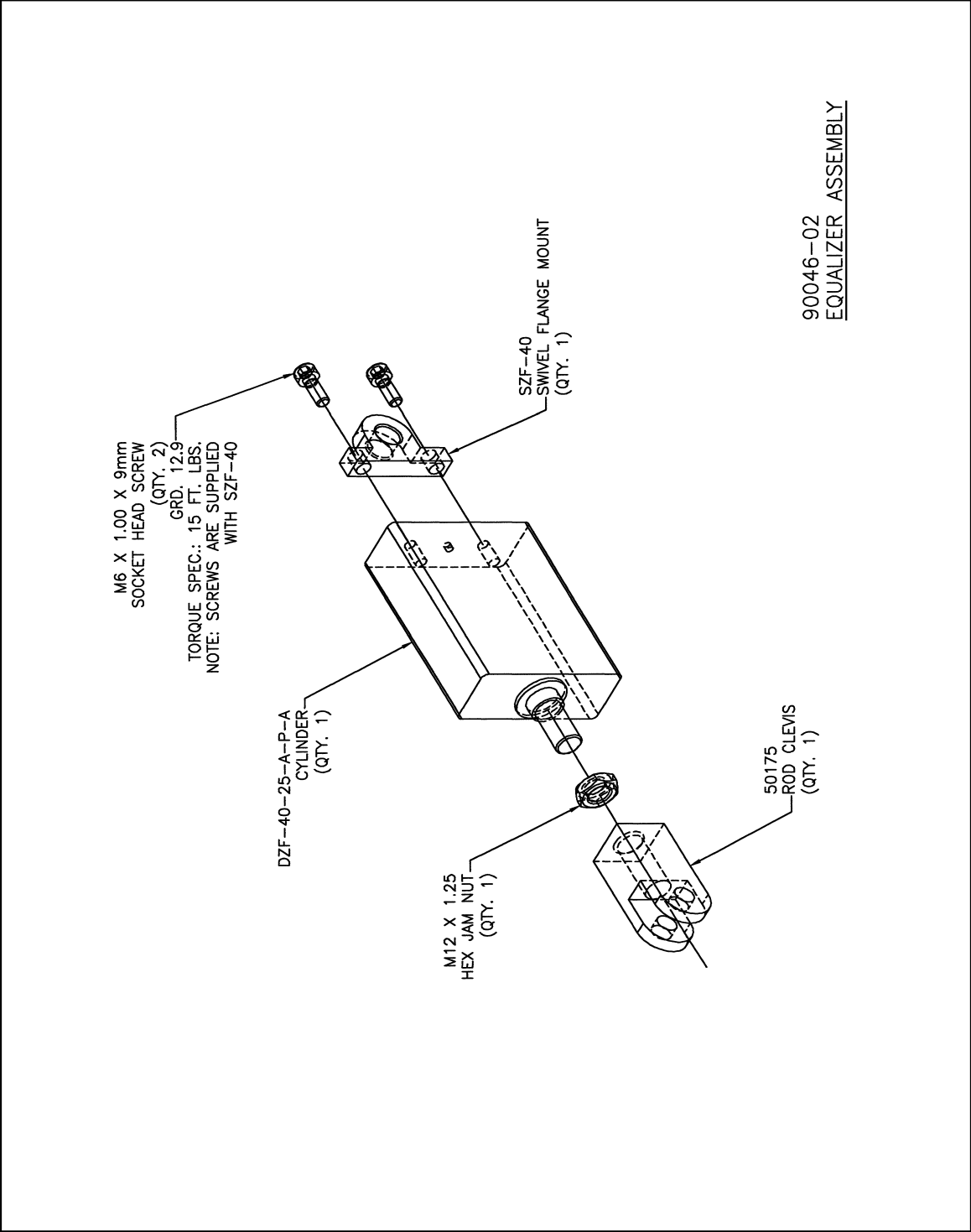


99016  
ROD BOOT ASSEMBLY

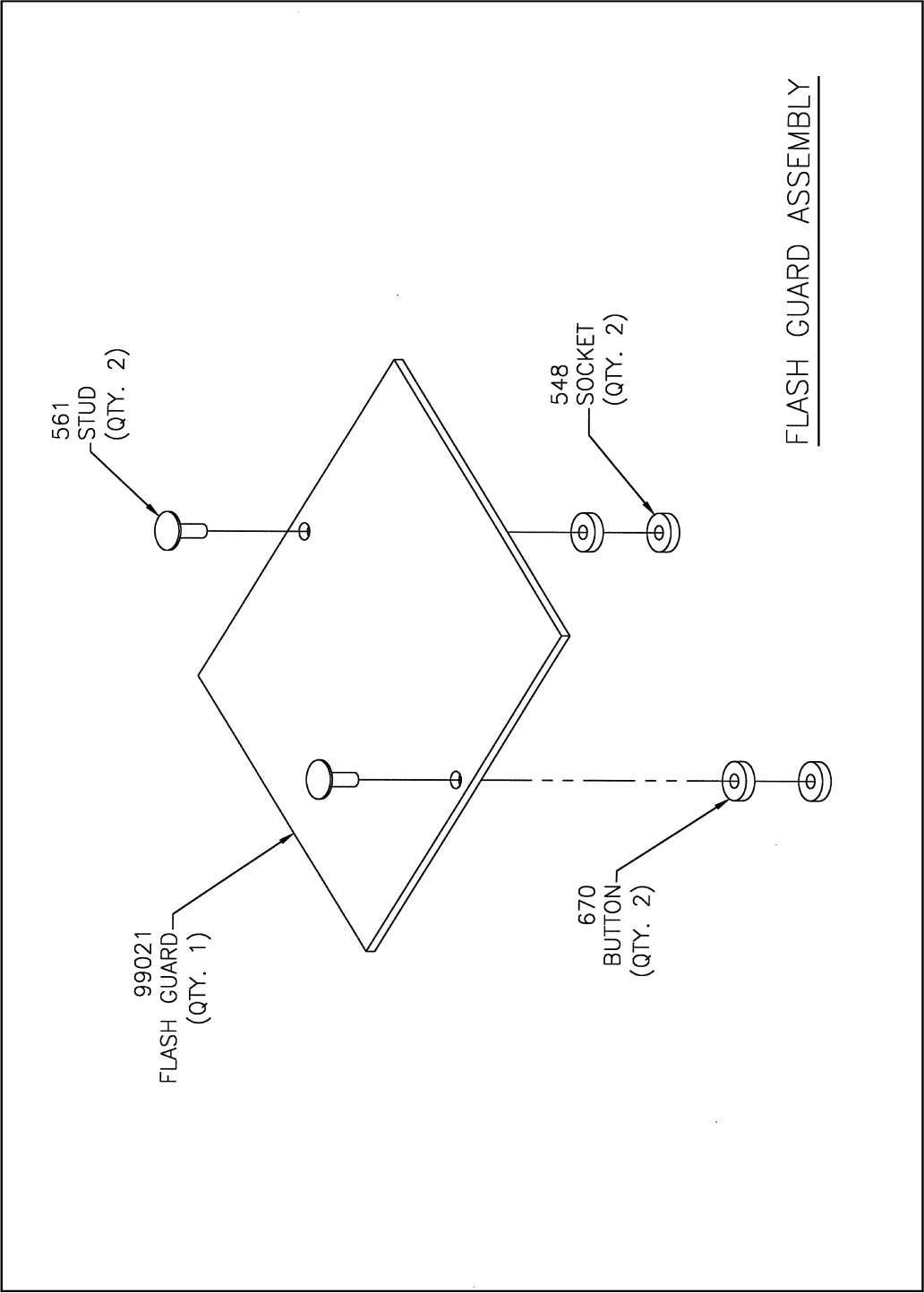
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## **Section 4**

### **75075-xx Scissor Style/Robot Type**

#### **Base Gun**



## 75075 Print List

| <u>Print</u>                                         | <u>Page</u> |
|------------------------------------------------------|-------------|
| 1. 75075-xx Scissor Type Base Gun Assembly-Cover ... | 4-4         |
| 2. 75075-xx Scissor Type Base Gun Assembly.....      | 4-5         |
| 3. Moveable Arm Assembly.....                        | 4-6         |
| 4. Moveable Arm Assembly (Obsolete Shunt Adapt). ... | 4-7         |
| 5. 75030 Male Pivot Assembly.....                    | 4-8         |
| 6. 75031 Rod Side Mount Assembly.....                | 4-9         |
| 7. 75031 Rod Side Mount Assembly (Obsolete).....     | 4-10        |
| 8. 72039-03 Pin Assembly.....                        | 4-11        |
| 9. Stationary Arm Assembly.....                      | 4-12        |
| 10. 75024 Female Pivot Assembly .....                | 4-13        |
| 11. 75032 Cylinder Mount Assembly.....               | 4-14        |
| 12. Mounting Bracket Assembly.....                   | 4-15        |
| 13. 72200 Fulcrum Pin Assembly.....                  | 4-16        |
| 14. Clevis Assembly.....                             | 4-17        |
| 15. 35403 Pin Assembly.....                          | 4-18        |

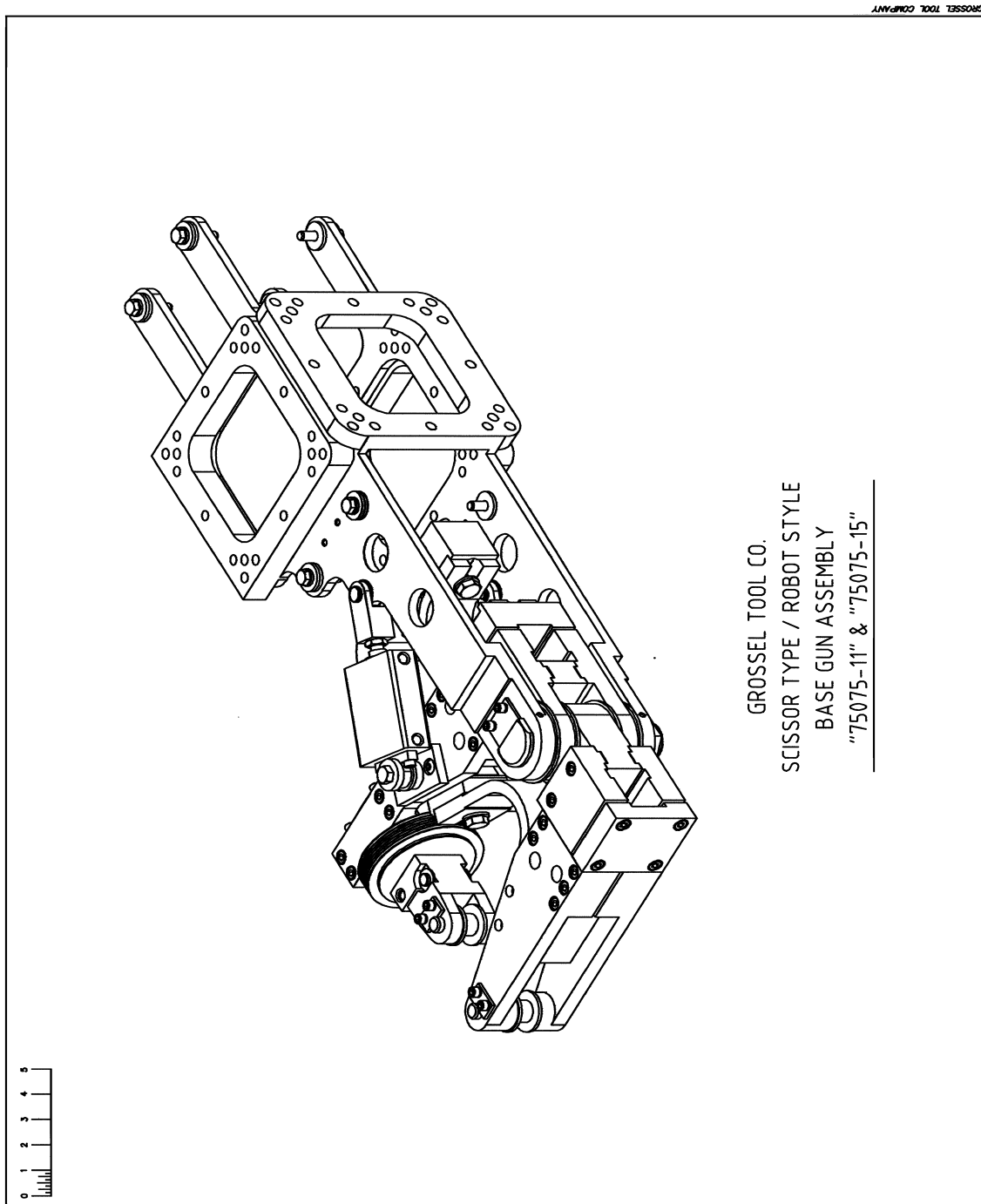




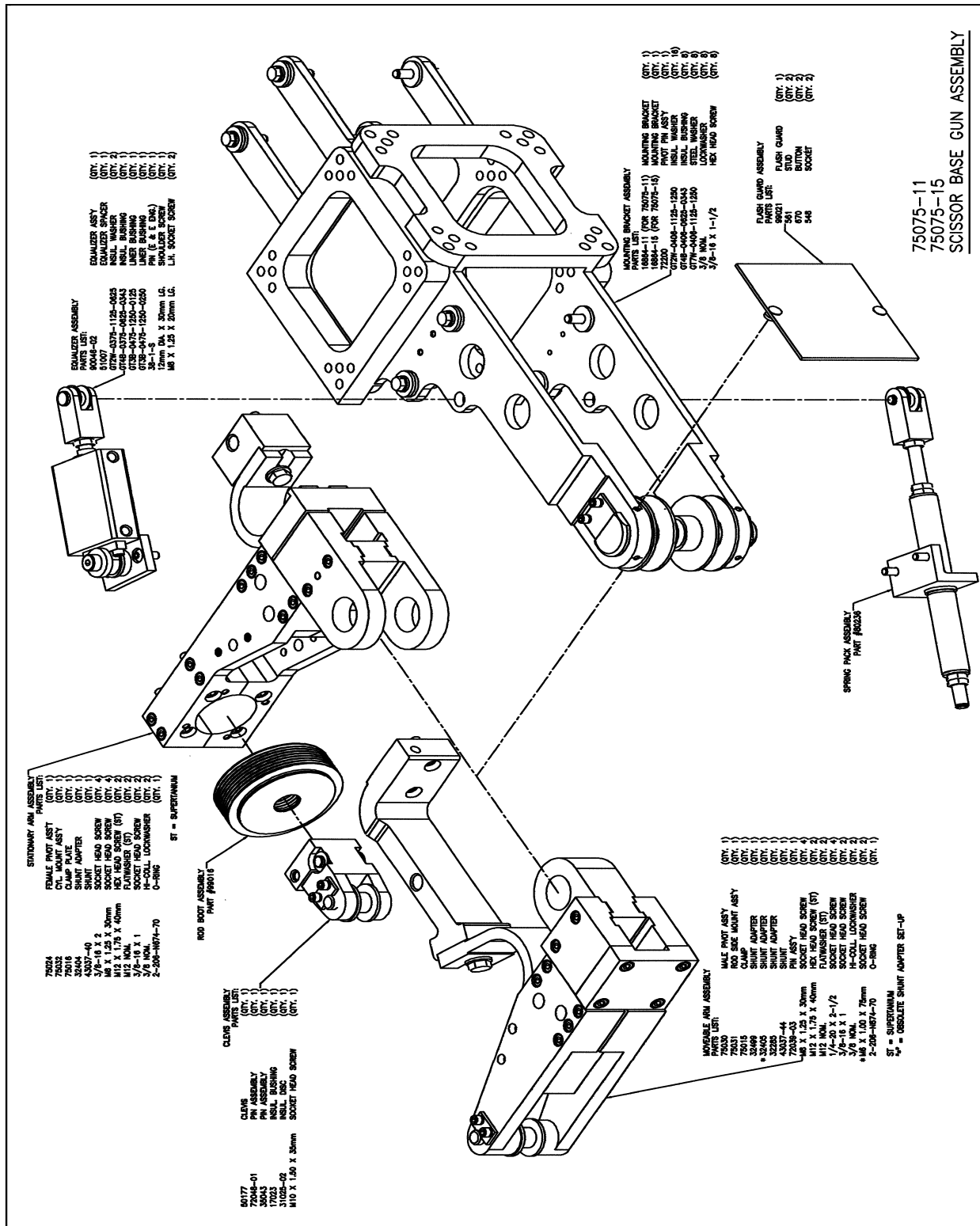
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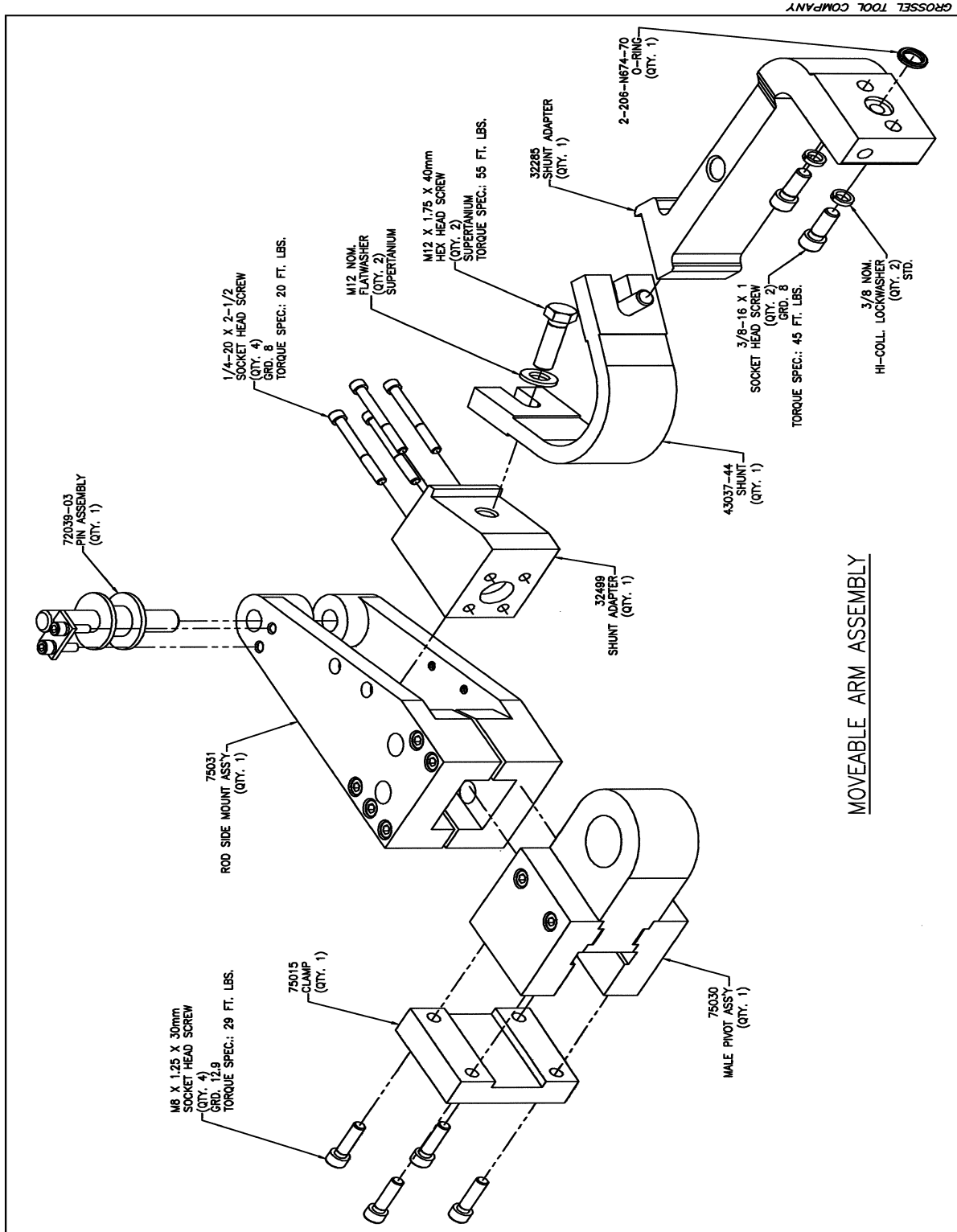
| <b><u>Print</u></b>                          | <b><u>Page</u></b> |
|----------------------------------------------|--------------------|
| <b>16. 99016 Rod Boot Assembly.....</b>      | <b>4-19</b>        |
| <b>17. Equalizer Assembly.....</b>           | <b>4-20</b>        |
| <b>18. 90046-02 Equalizer Assembly.....</b>  | <b>4-21</b>        |
| <b>19. Flash Guard Assembly.....</b>         | <b>4-22</b>        |
| <b>20. 80236-R Spring Pack Assembly.....</b> | <b>4-23</b>        |





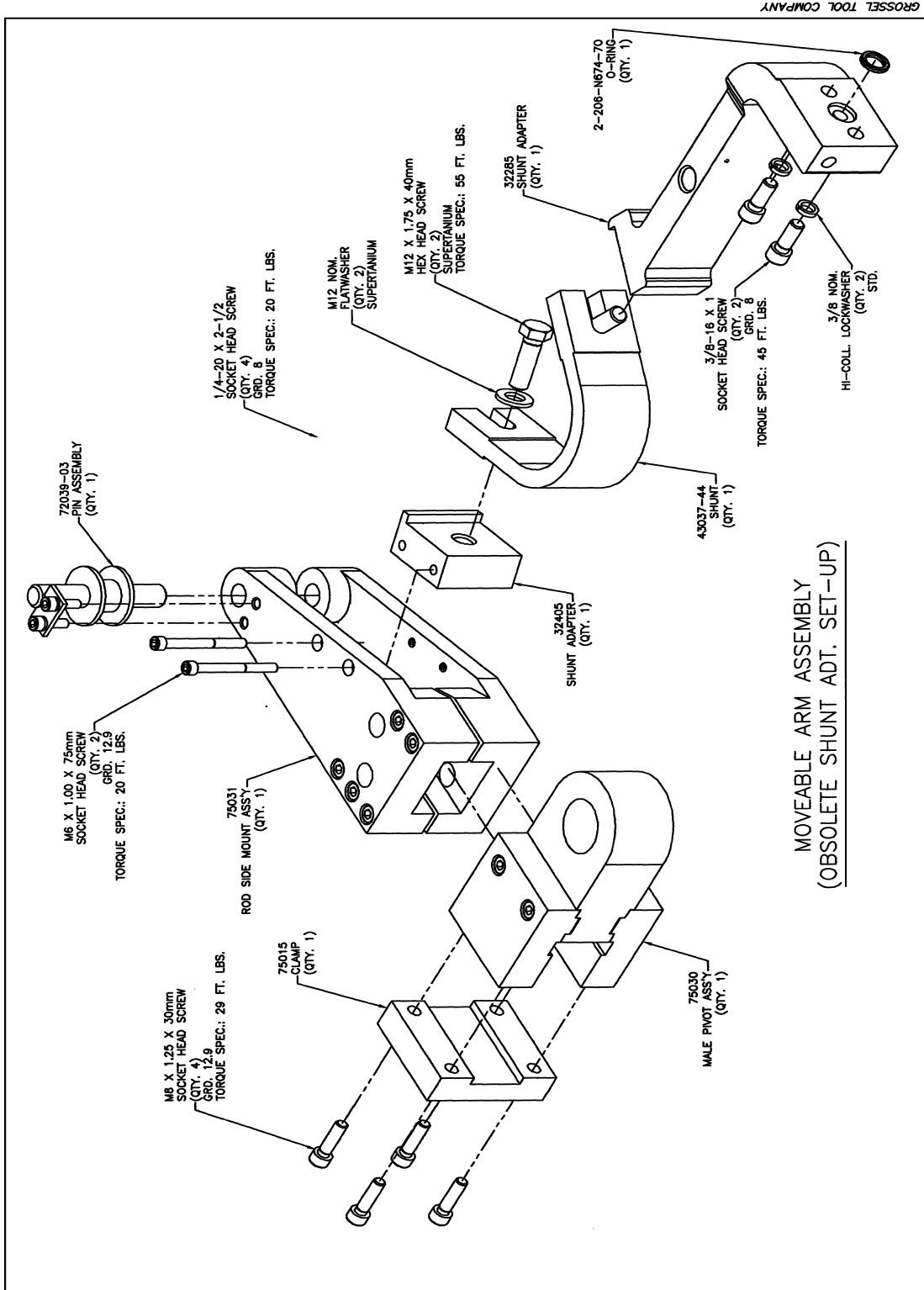
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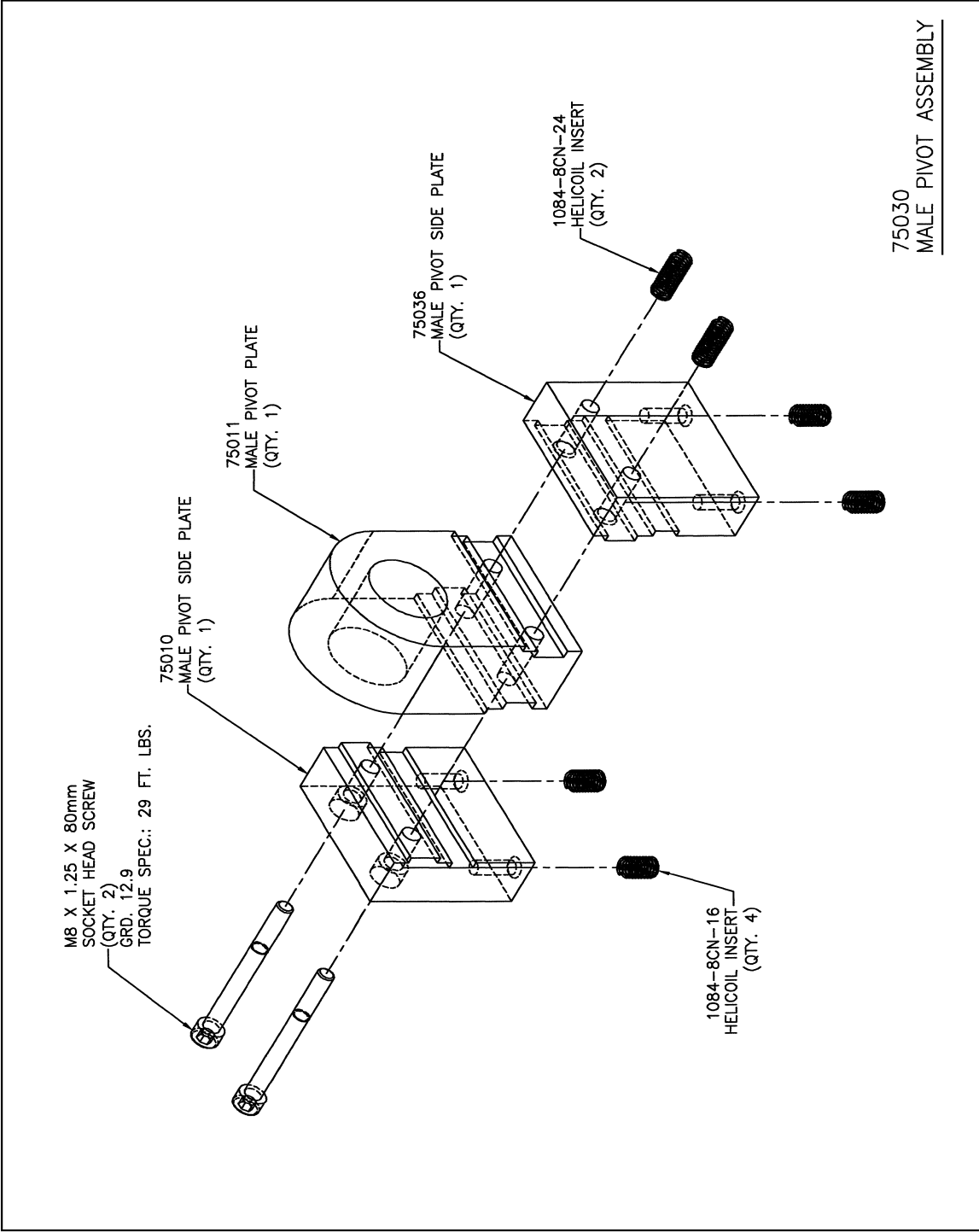


# Grossel Tool Modular Base Gun Assembly MANUAL

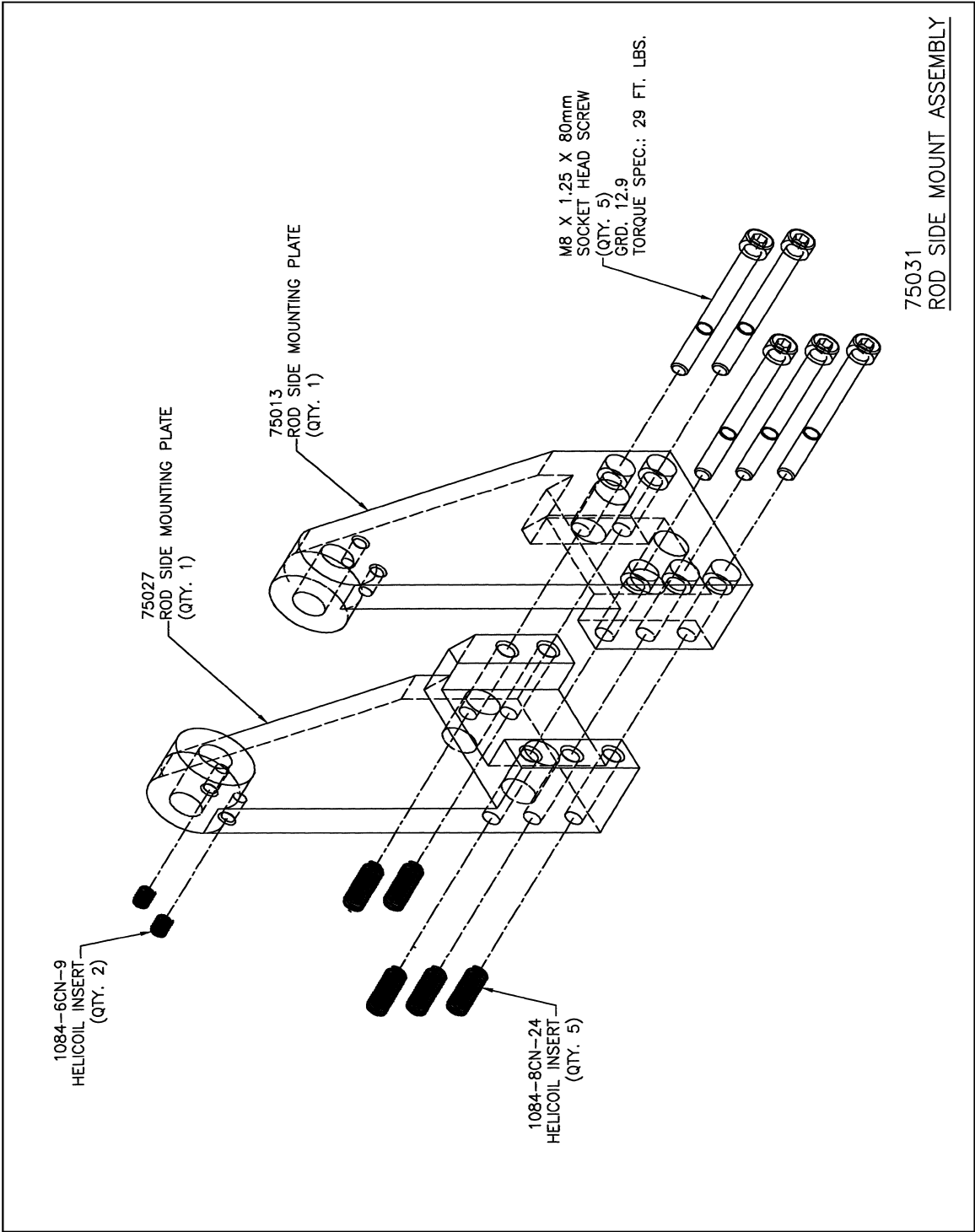
## SECTION 4: 75075-XX



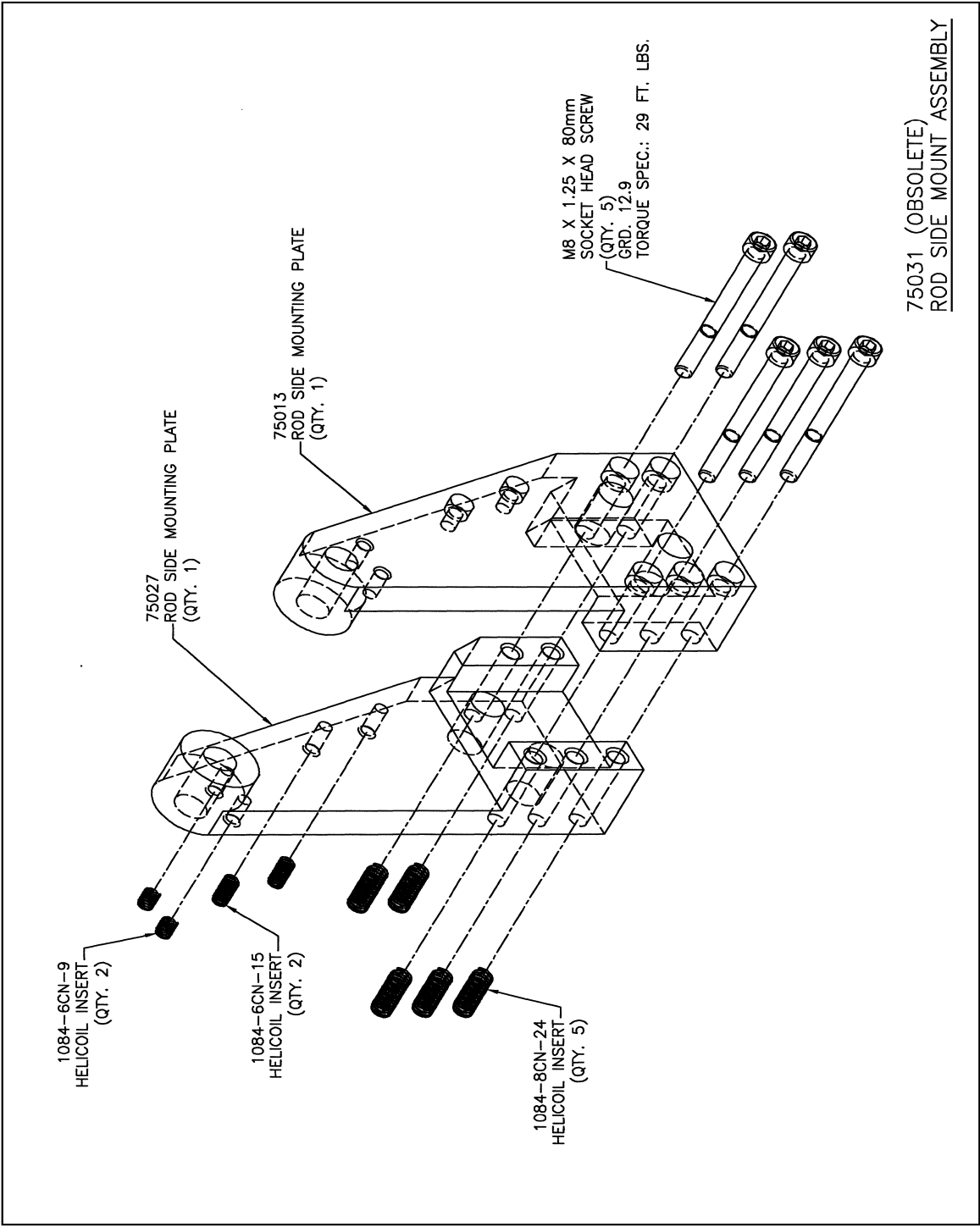
GROSSEL TOOL COMPANY



GROSSEL TOOL COMPANY

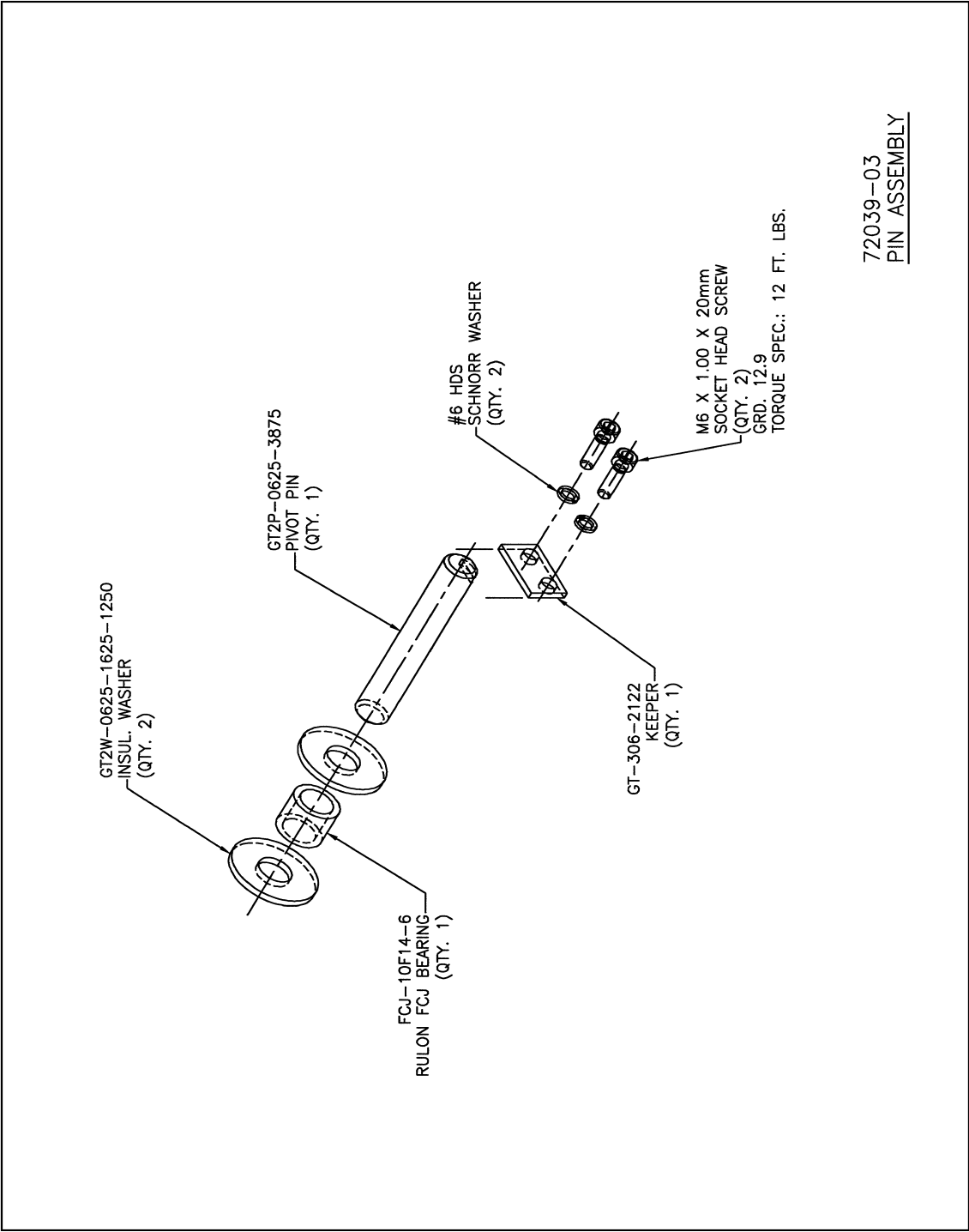


GROSSEL TOOL COMPANY

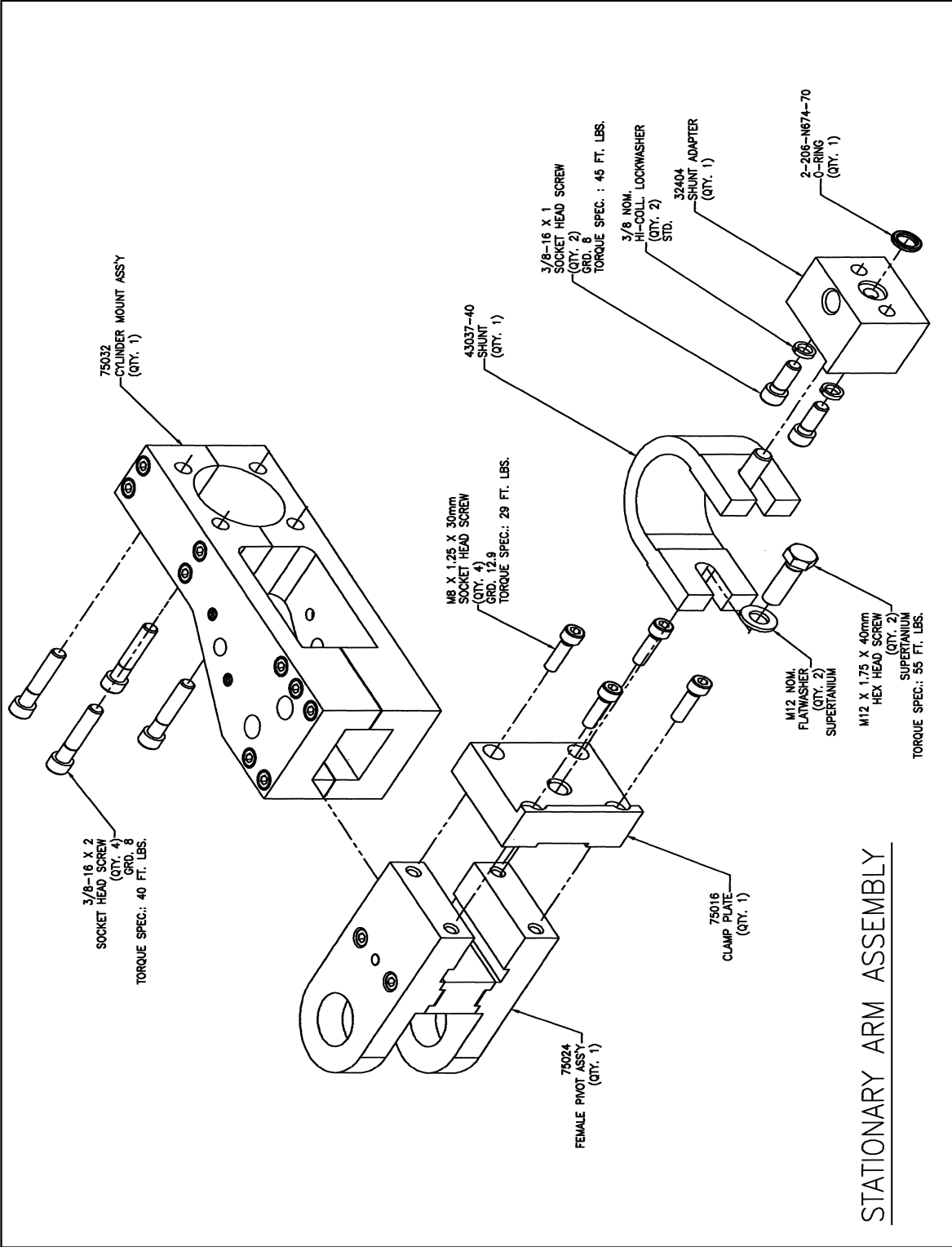


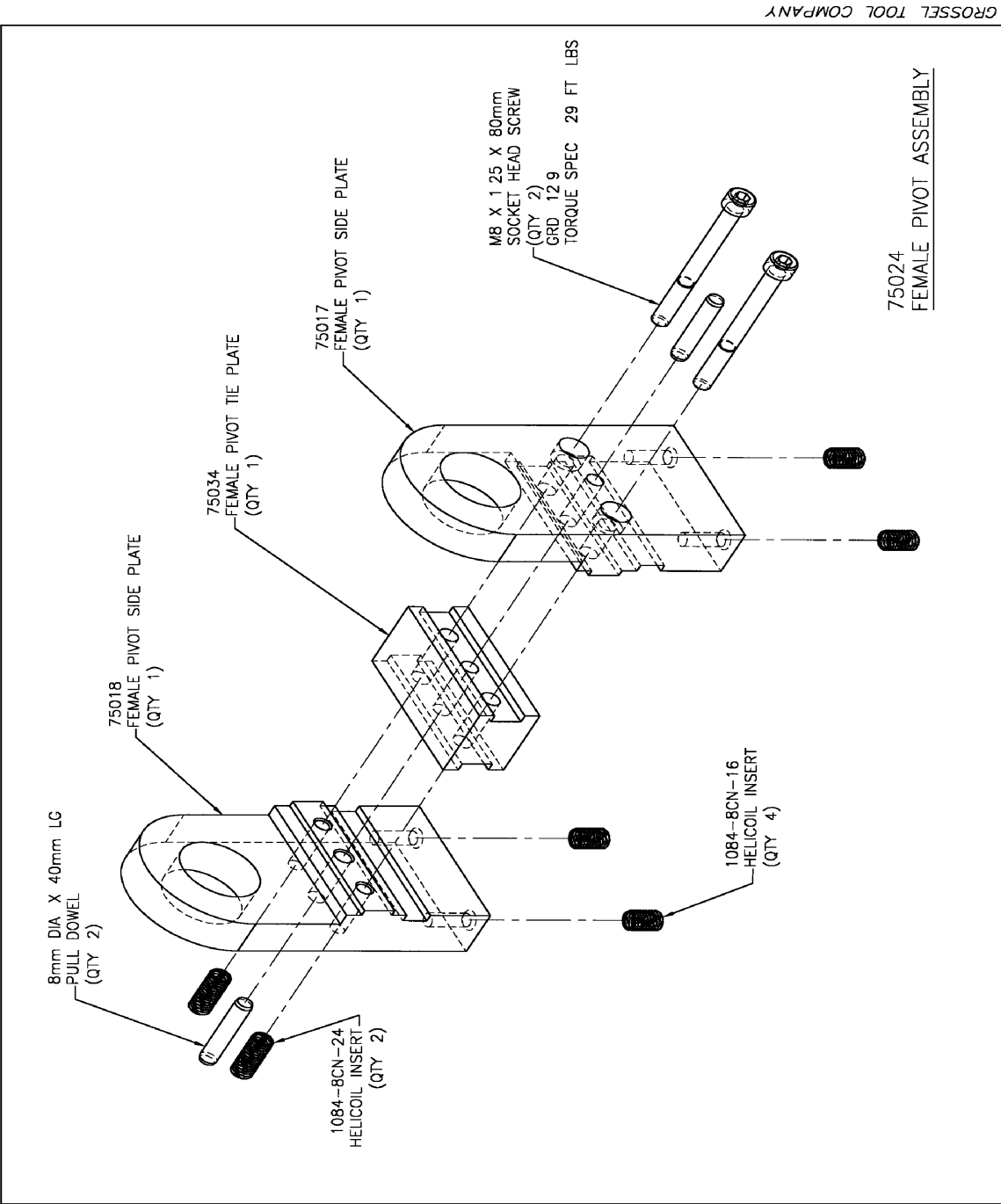


GROSSEL TOOL COMPANY

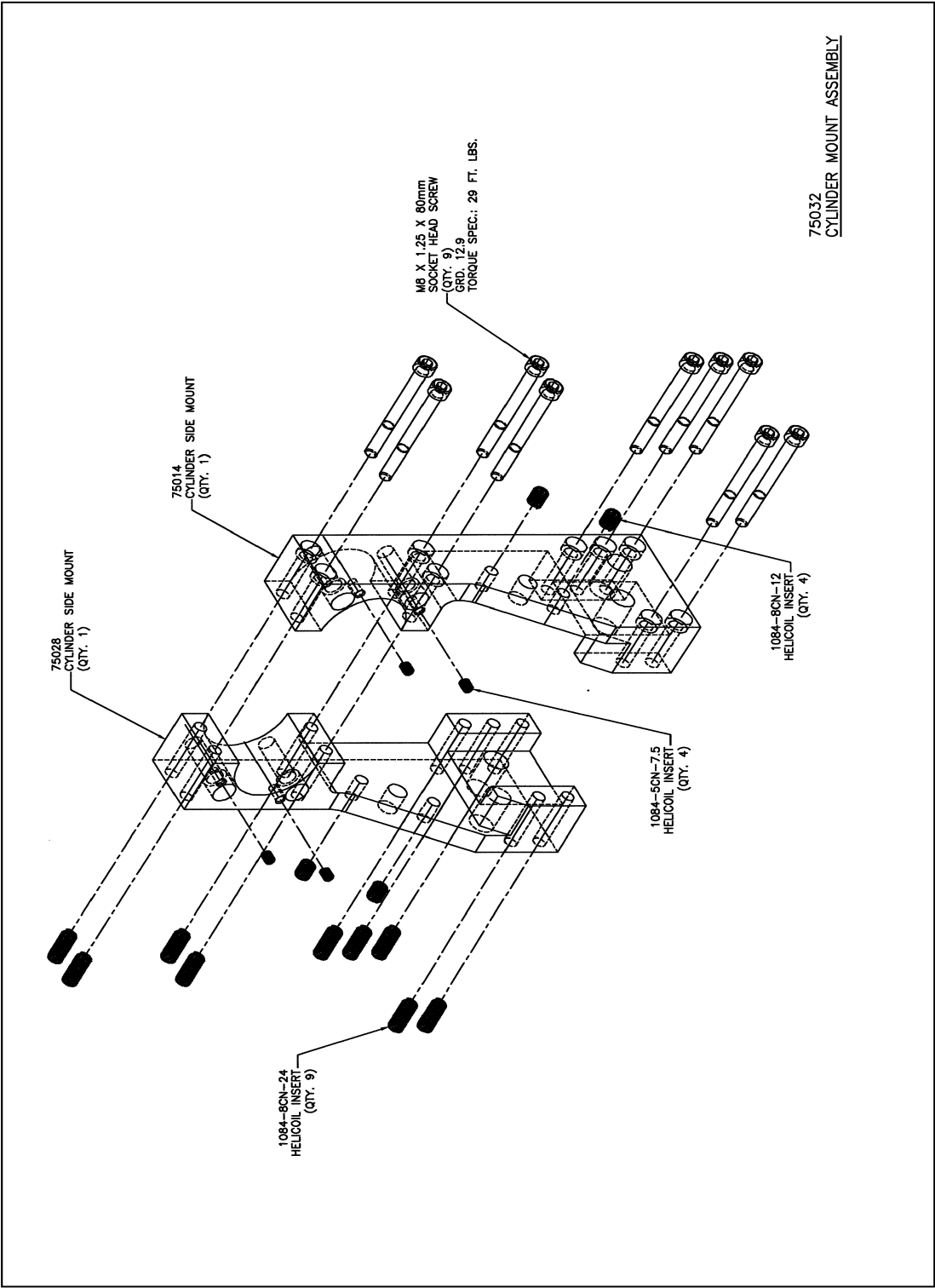


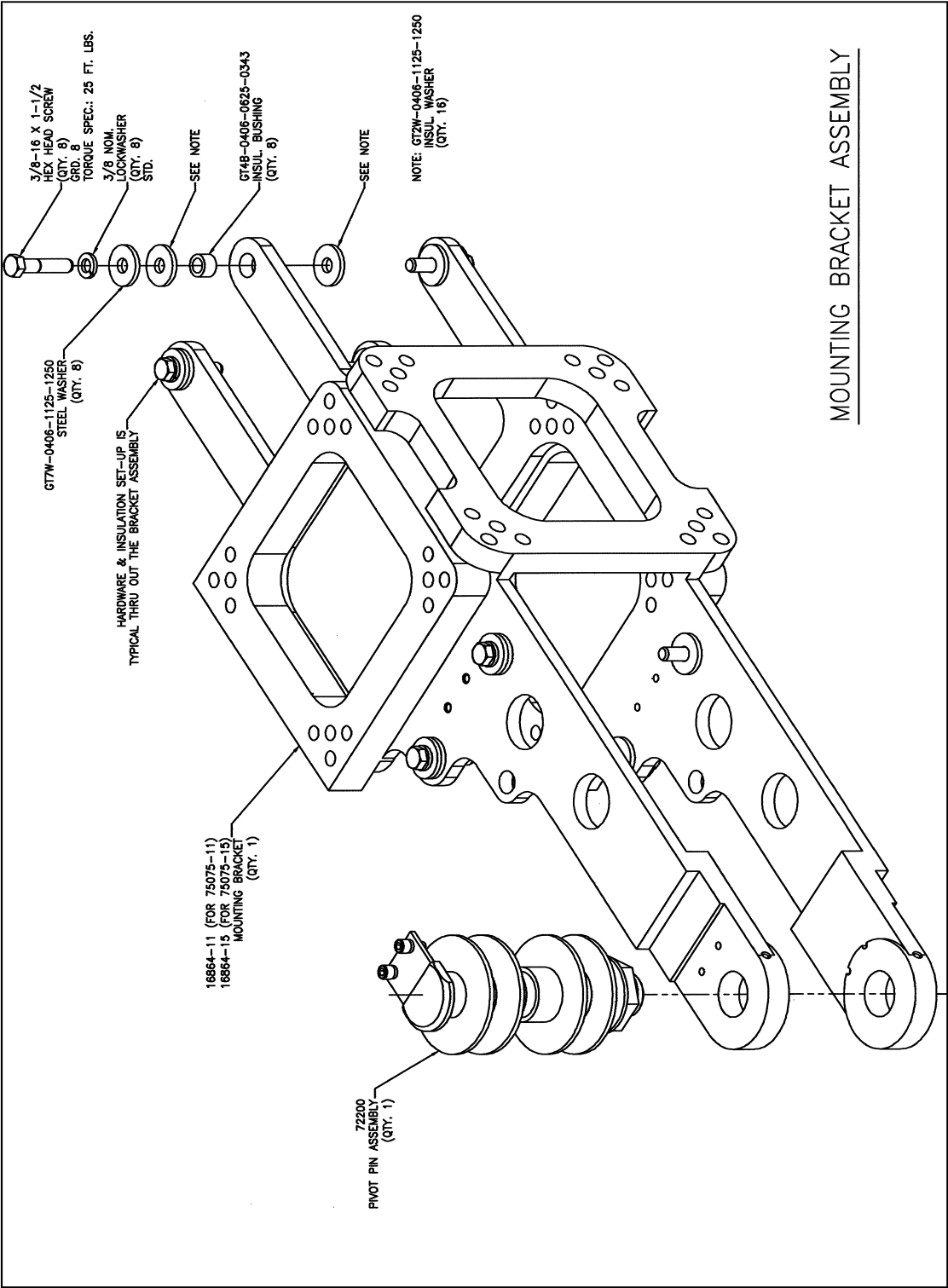
GROSSEL TOOL COMPANY





GROSSEL TOOL COMPANY

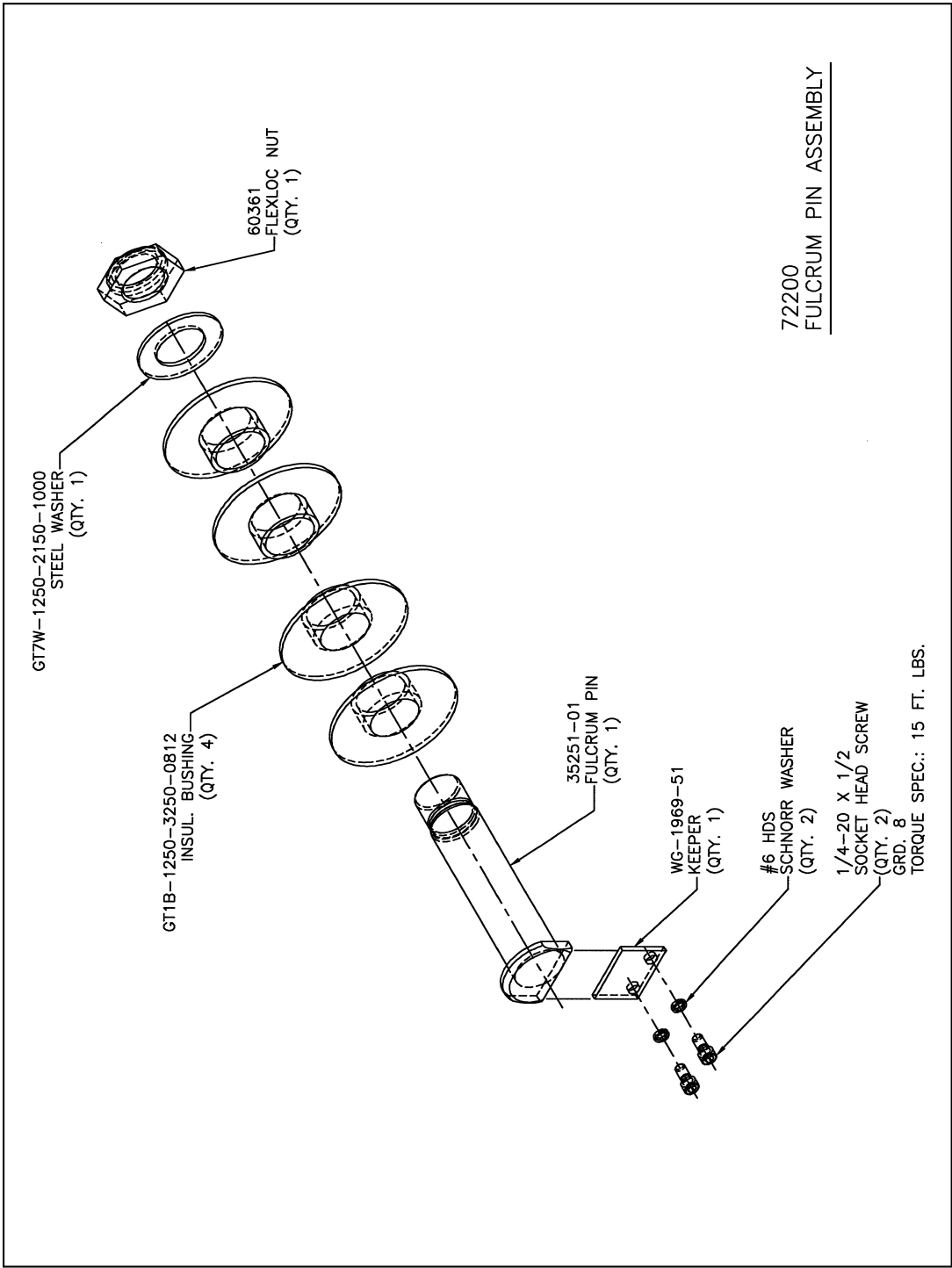




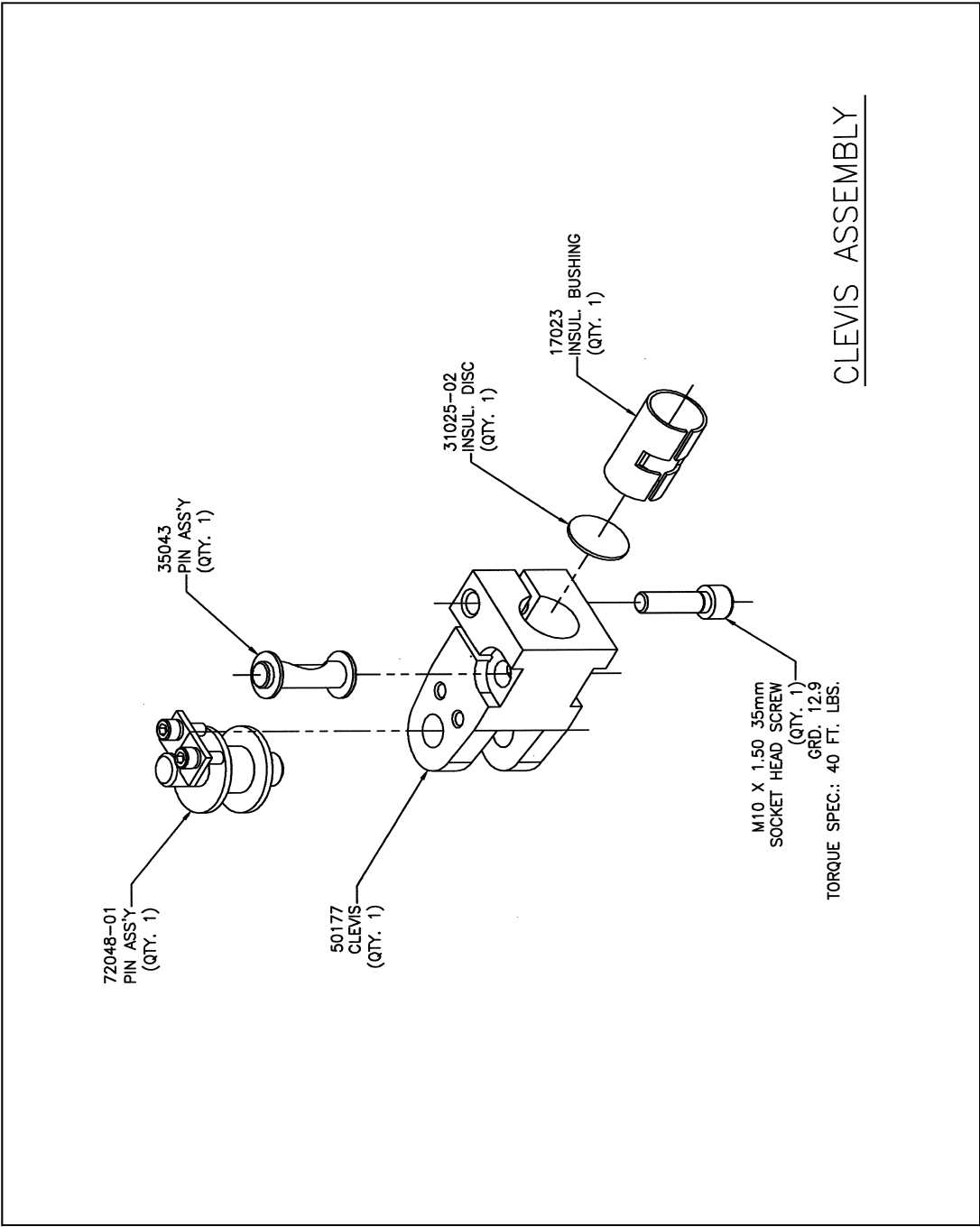
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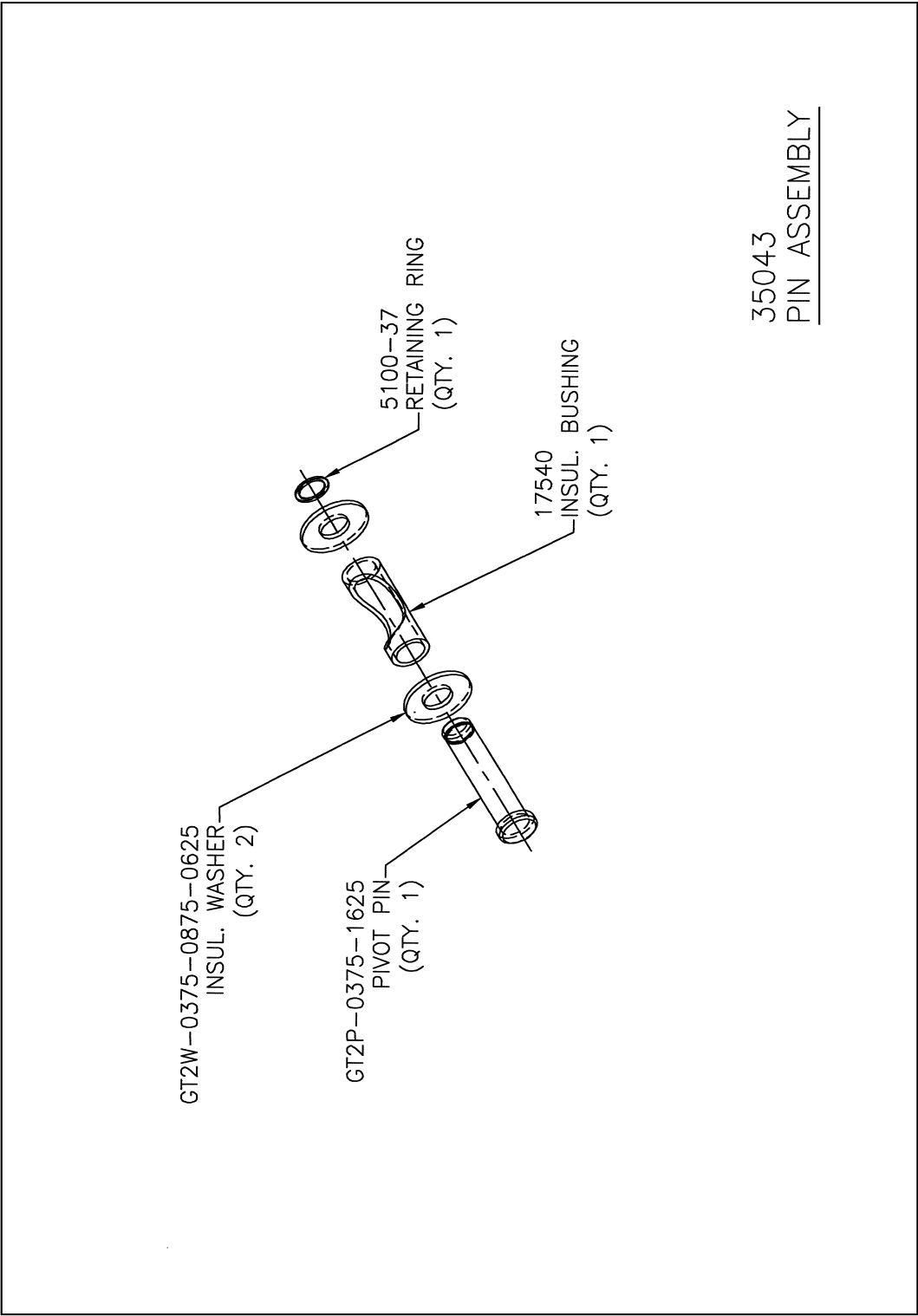
GROSSEL TOOL COMPANY



GROSSEL TOOL COMPANY

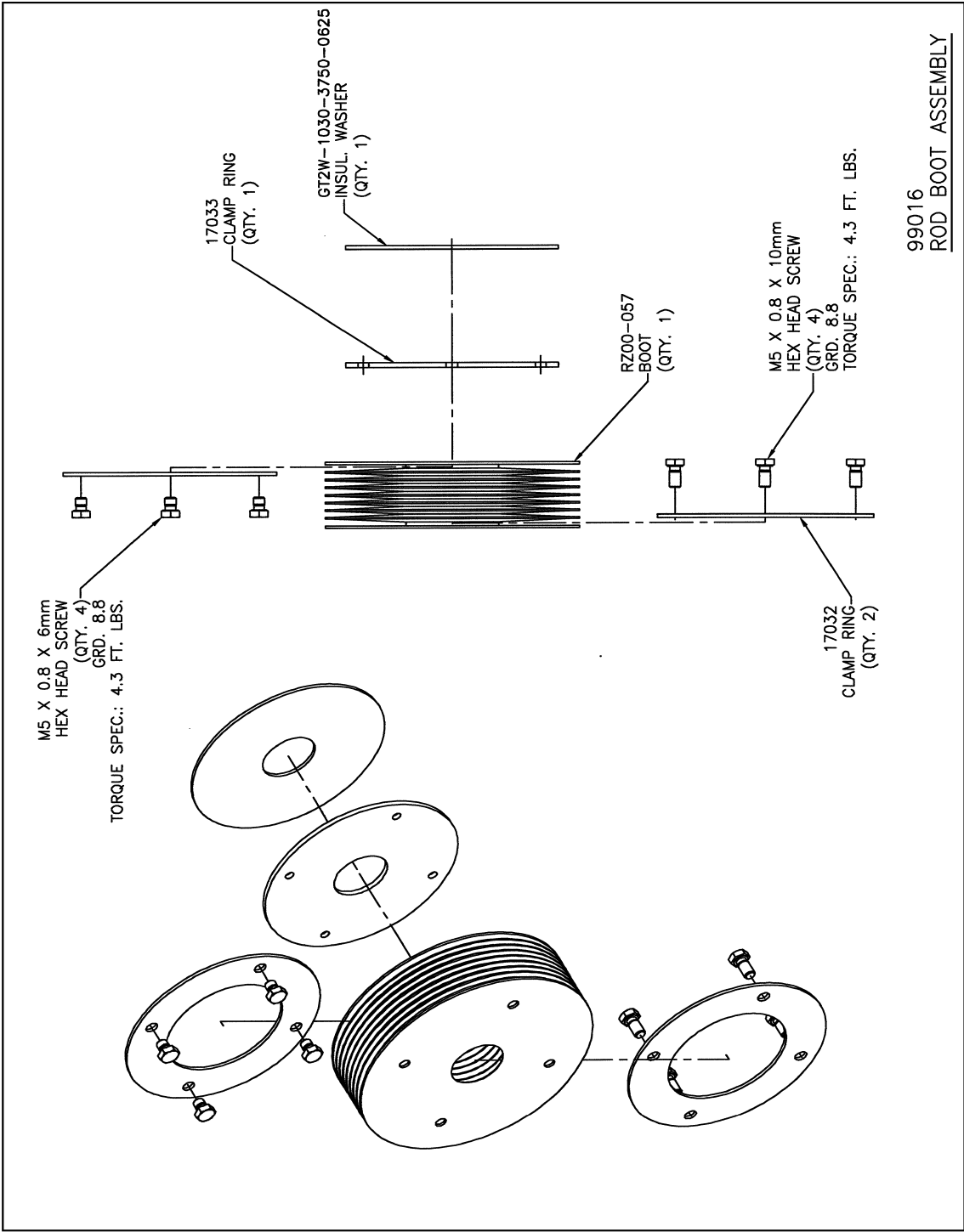


GROSSEF TOOL COMPANY



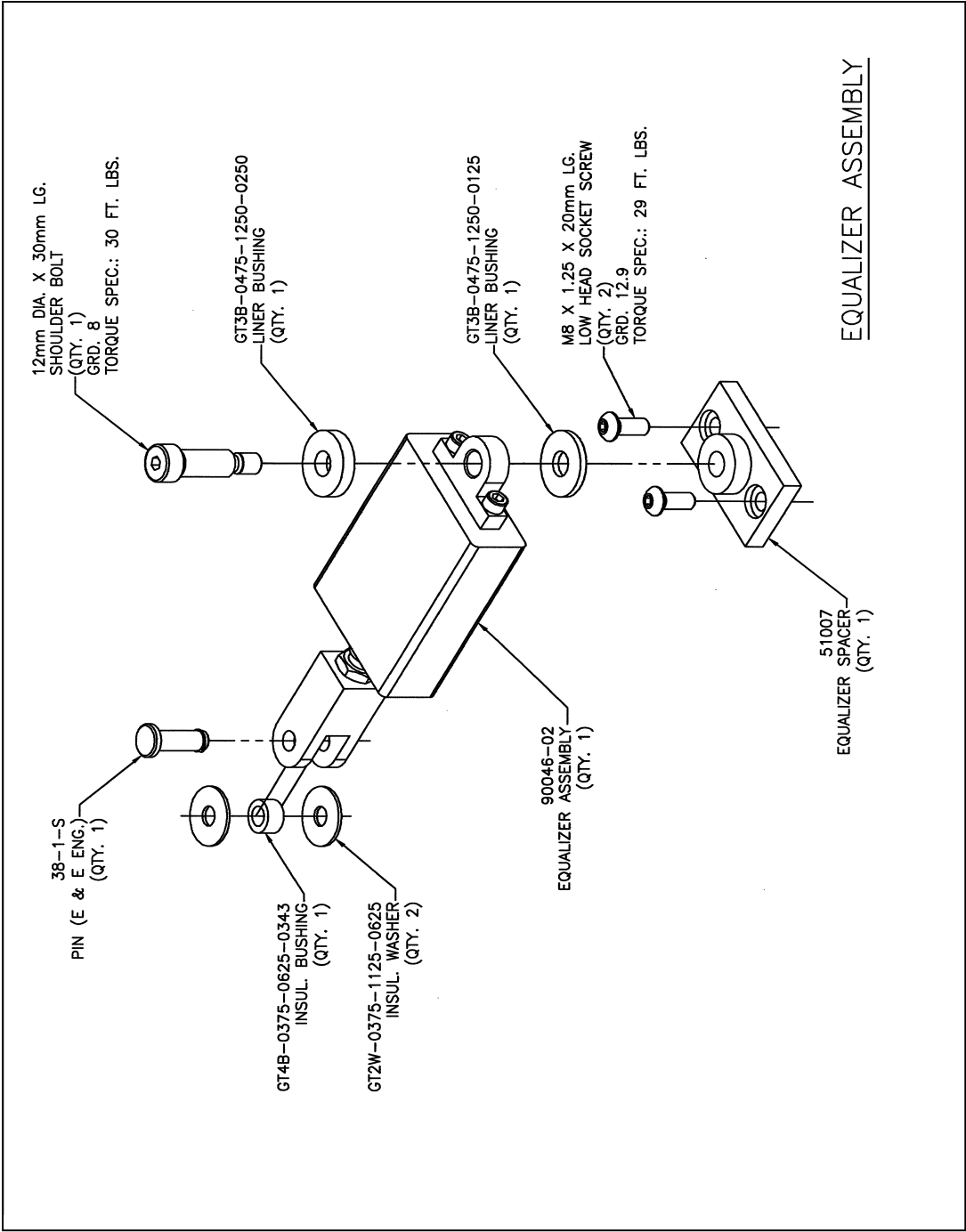


GROSSEL TOOL COMPANY



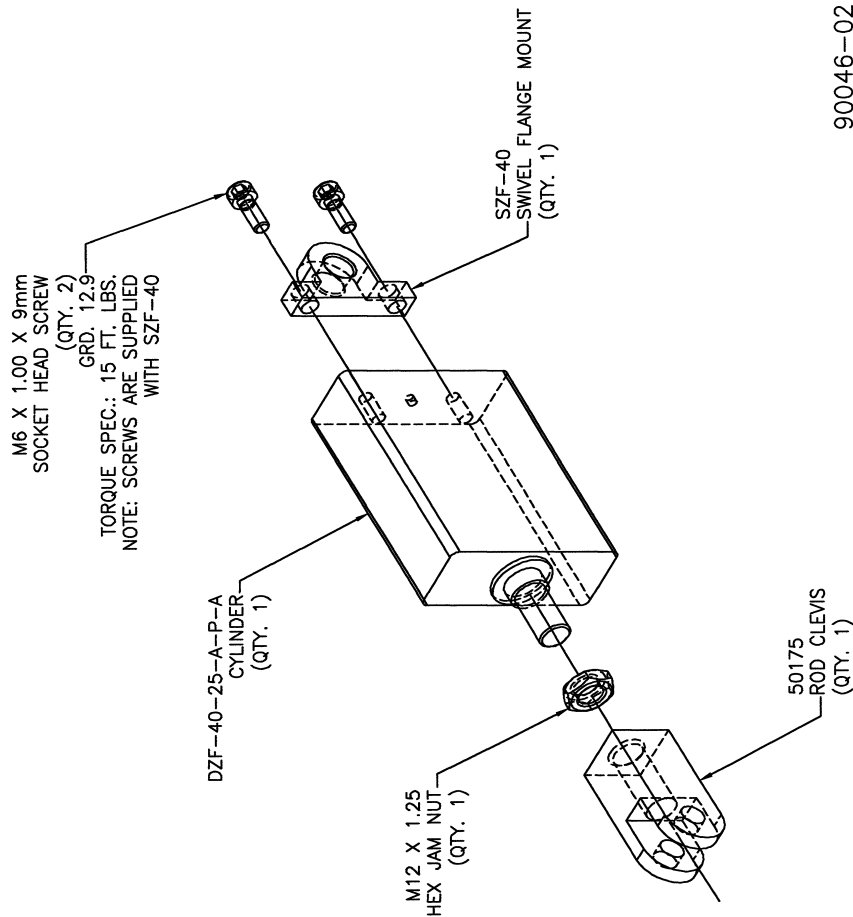
99016  
ROD BOOT ASSEMBLY

GROSSEL TOOL COMPANY

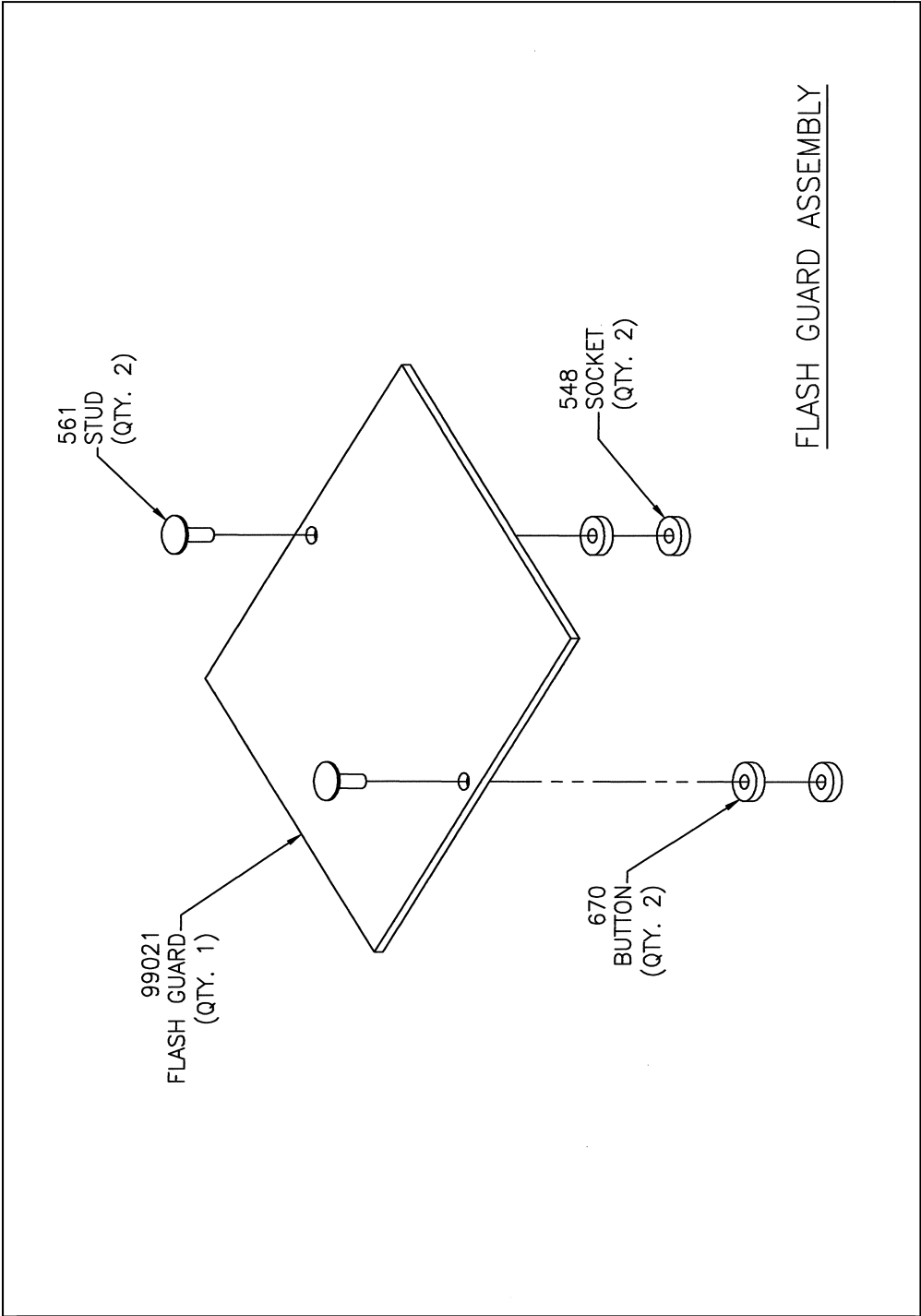


GROSSEL TOOL COMPANY

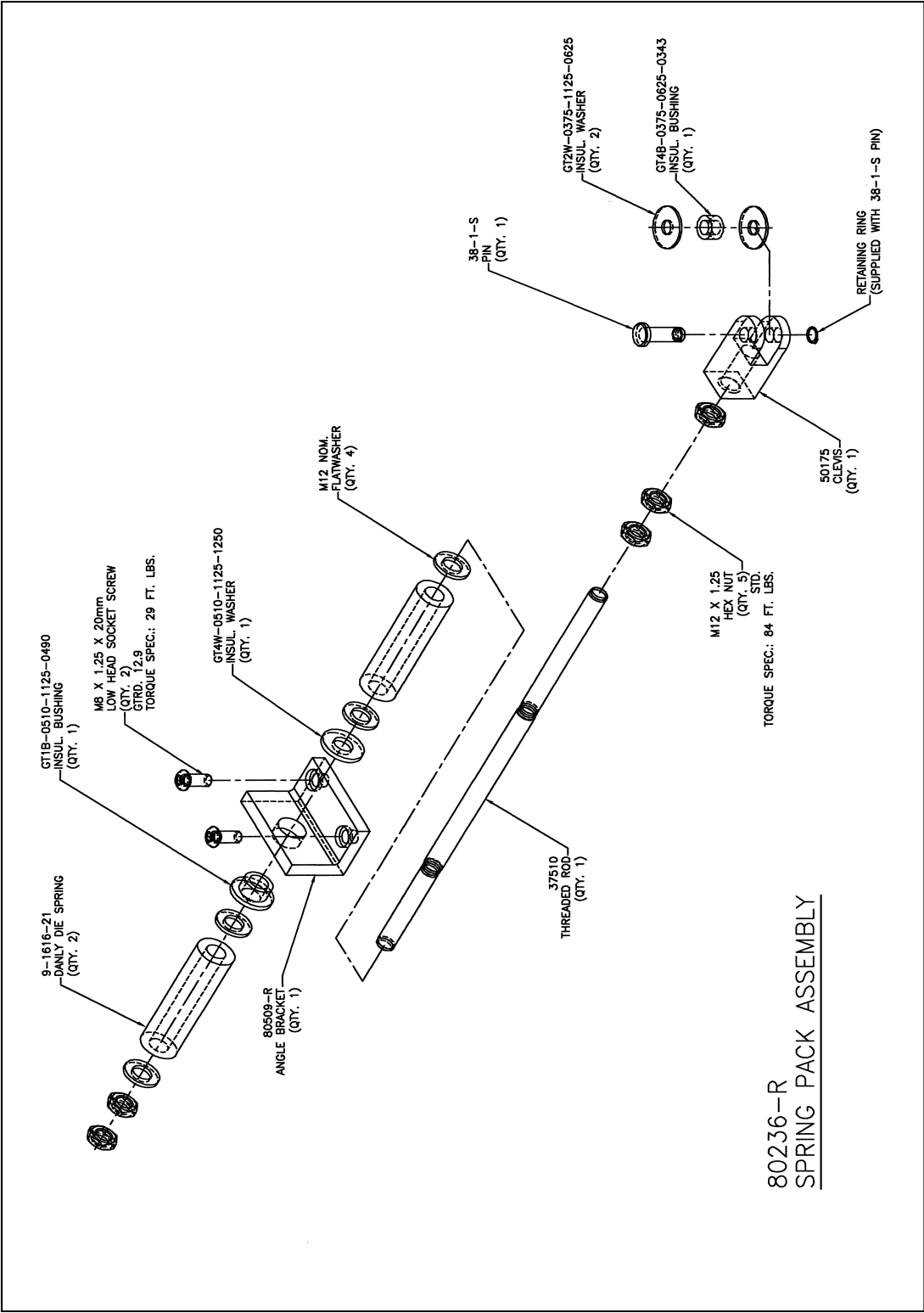
90046-02  
EQUALIZER ASSEMBLY



GROSSEL TOOL COMPANY



GROSSEL TOOL COMPANY



## **Section 5**

**75076-xx**

**Scissor Type/Robot Style Base Gun**



## **75076 Print List**

| <b><u>Print</u></b>                                  | <b><u>Page</u></b> |
|------------------------------------------------------|--------------------|
| 1. 75076-xx Scissor Type Base Gun Assembly-Cover ... | 5-4                |
| 2. 75076-xx Scissor Type Base Gun Assembly.....      | 5-5                |
| 3. Moveable Arm Assembly.....                        | 5-6                |
| 4. 75030 Male Pivot Assembly.....                    | 5-7                |
| 5. 75040 Rod Side Mount Assembly.....                | 5-8                |
| 6. 72039-03 Pin Assembly.....                        | 5-9                |
| 7. Stationary Arm Assembly.....                      | 5-10               |
| 8. 75024 Female Pivot Assembly .....                 | 5-11               |
| 9. 75032 Cylinder Mount Assembly.....                | 5-12               |
| 10. Mounting Bracket Assembly.....                   | 5-13               |
| 11. 72200 Fulcrum Pin Assembly.....                  | 5-14               |
| 12. Clevis Assembly.....                             | 5-15               |

## **75076 Print List (cont'd)**

| <b><u>Print</u></b>                  | <b><u>Page</u></b> |
|--------------------------------------|--------------------|
| 13. 72048-01 Pin Assembly.....       | 5-16               |
| 14. 35043 Pin Assembly.....          | 5-17               |
| 15. 99016 Rod Boot Assembly.....     | 5-18               |
| 16. Equalizer Assembly.....          | 5-19               |
| 17. 90046-02 Equalizer Assembly..... | 5-20               |
| 18. Flash Guard Assembly.....        | 5-21               |

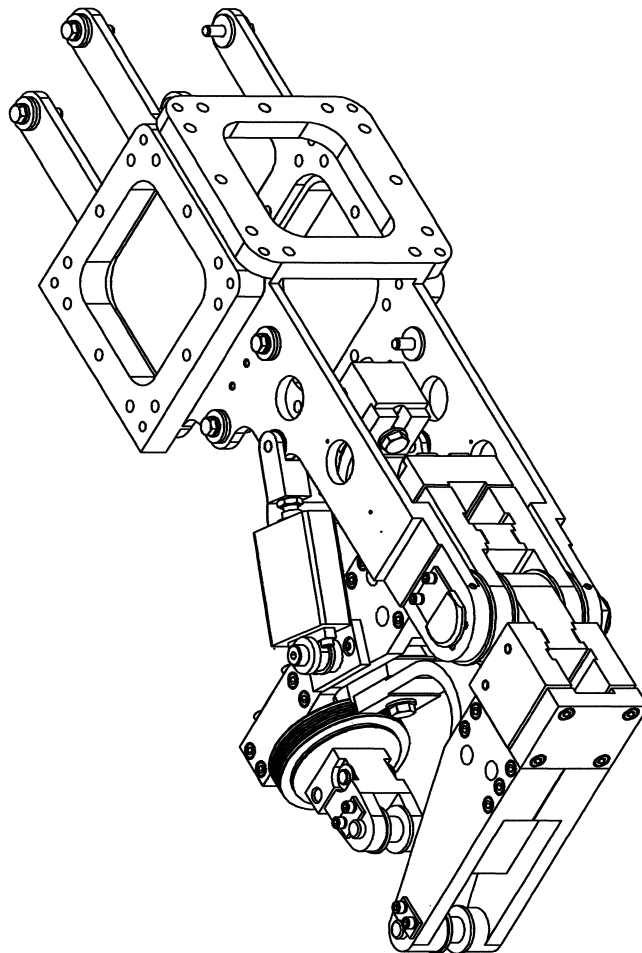


## **75076 Print List (Cont'd)**

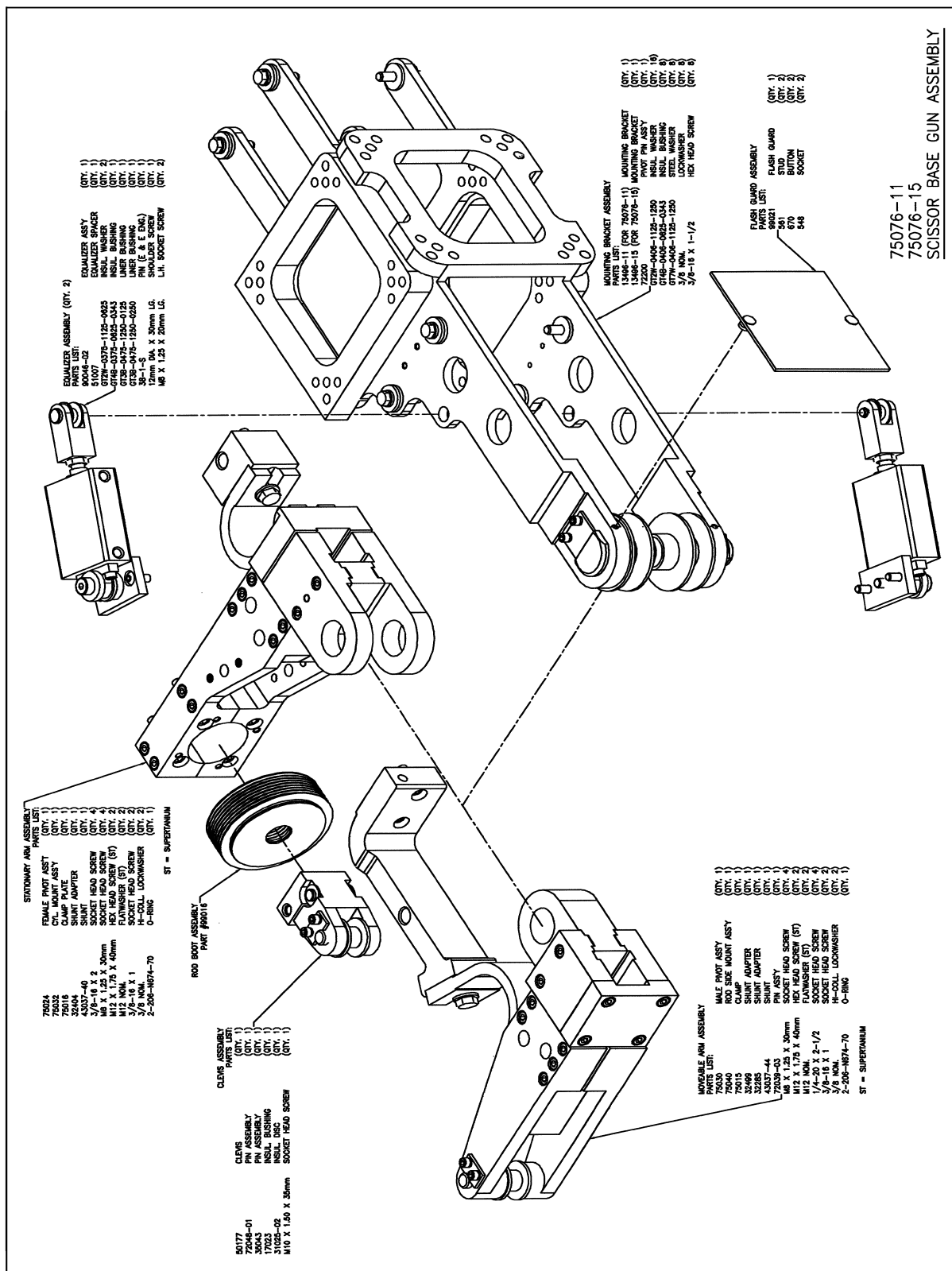
| <b><u>Print</u></b>                  | <b><u>Page</u></b> |
|--------------------------------------|--------------------|
| 13. 72048-01 Pin Assembly.....       | 5-16               |
| 14. 35043 Pin Assembly.....          | 5-17               |
| 15. 99016 Rod Boot Assembly.....     | 5-18               |
| 16. Equalizer Assembly.....          | 5-19               |
| 17. 90046-02 Equalizer Assembly..... | 5-20               |
| 18. Flash Guard Assembly.....        | 5-21               |

## **75076 Print List (Cont'd)**

| <b><u>Print</u></b>                  | <b><u>Page</u></b> |
|--------------------------------------|--------------------|
| 13. 72048-01 Pin Assembly.....       | 5-16               |
| 14. 35043 Pin Assembly.....          | 5-17               |
| 15. 99016 Rod Boot Assembly.....     | 5-18               |
| 16. Equalizer Assembly.....          | 5-19               |
| 17. 90046-02 Equalizer Assembly..... | 5-20               |
| 18. Flash Guard Assembly.....        | 5-21               |

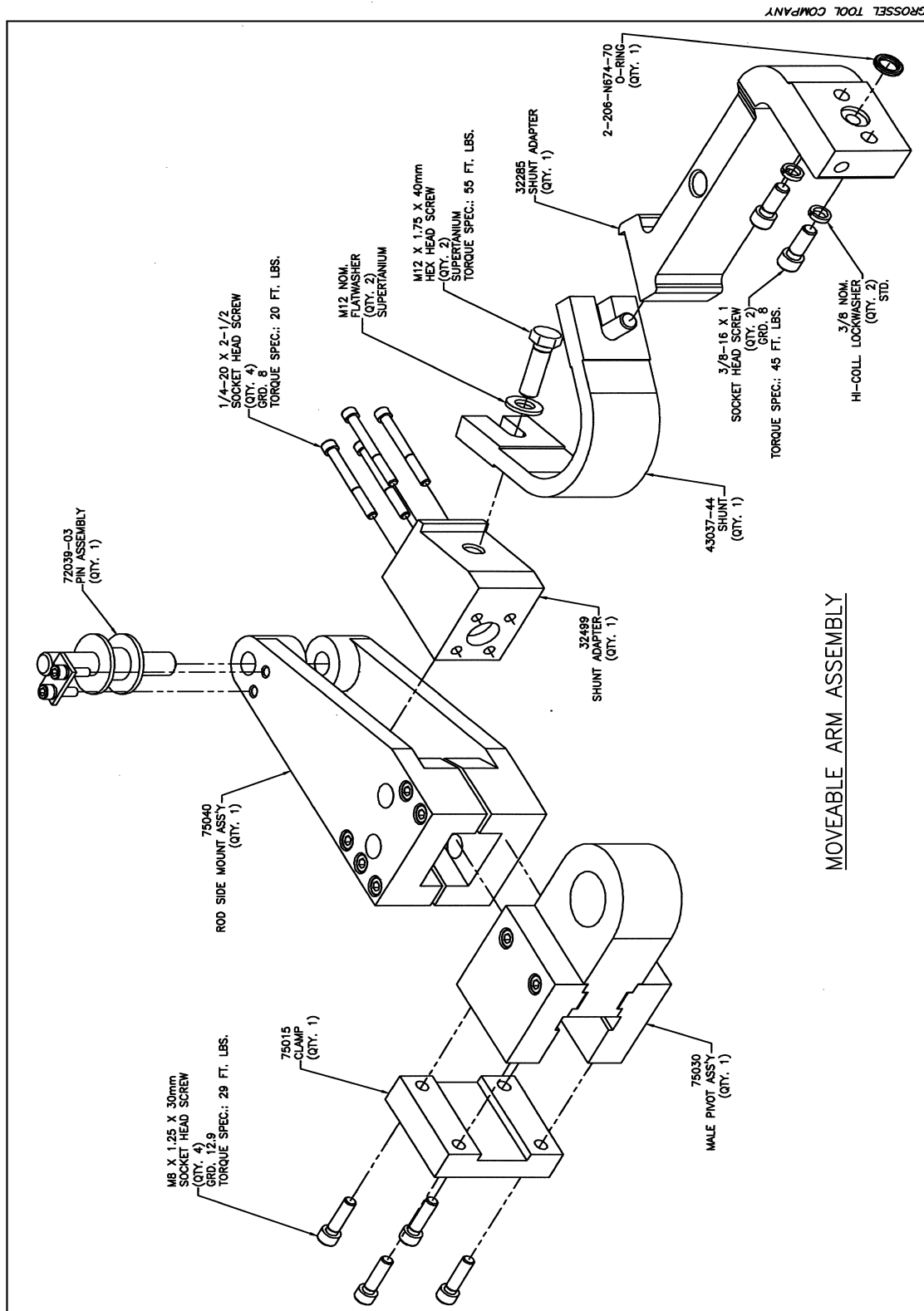


GROSSEL TOOL CO.  
SCISSOR TYPE / ROBOT STYLE  
BASE GUN ASSEMBLY  
"75076-11" & "75076-15"

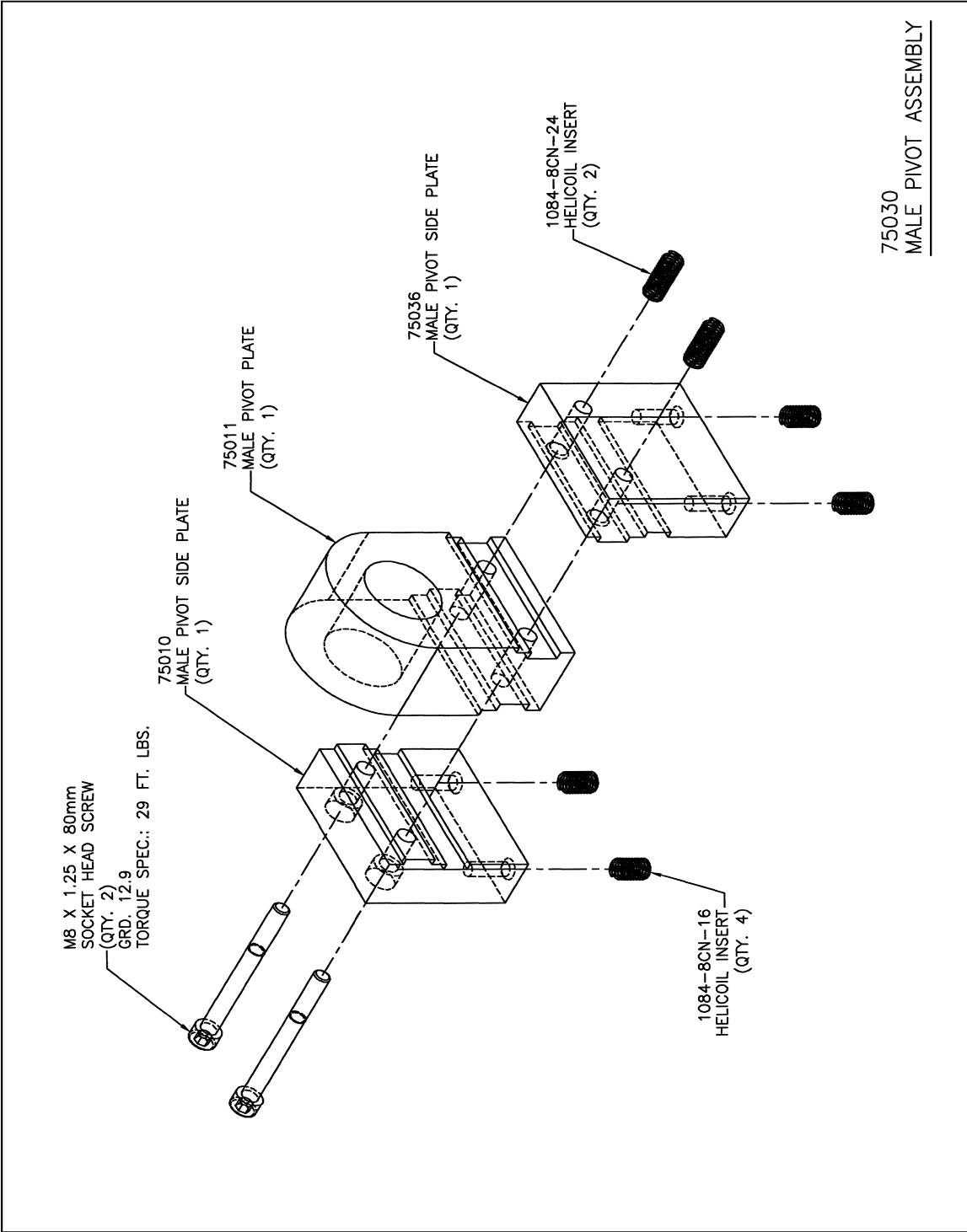


# Grossel Tool Modular Base Gun Assembly MANUAL

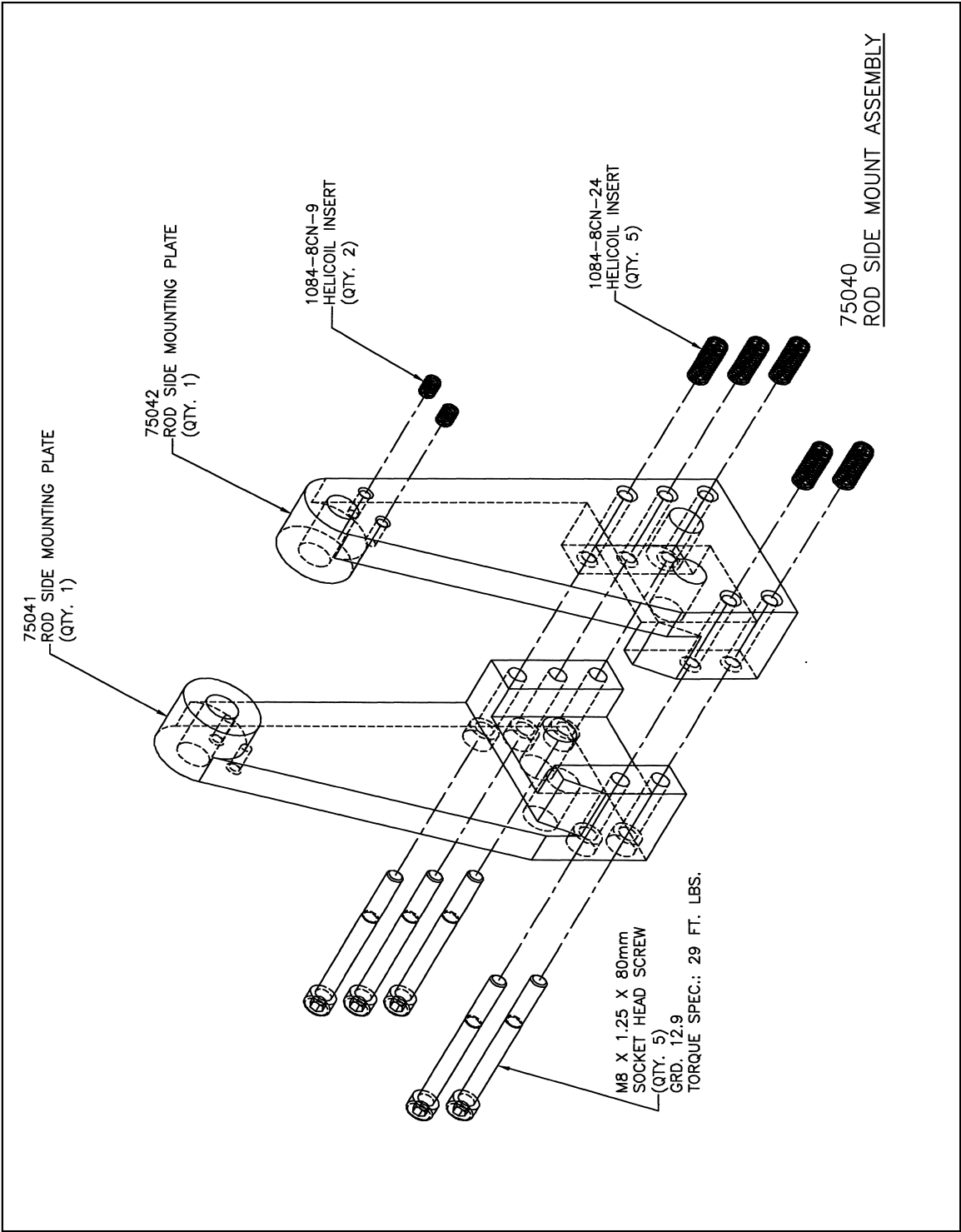
## SECTION 5: 75076-XX



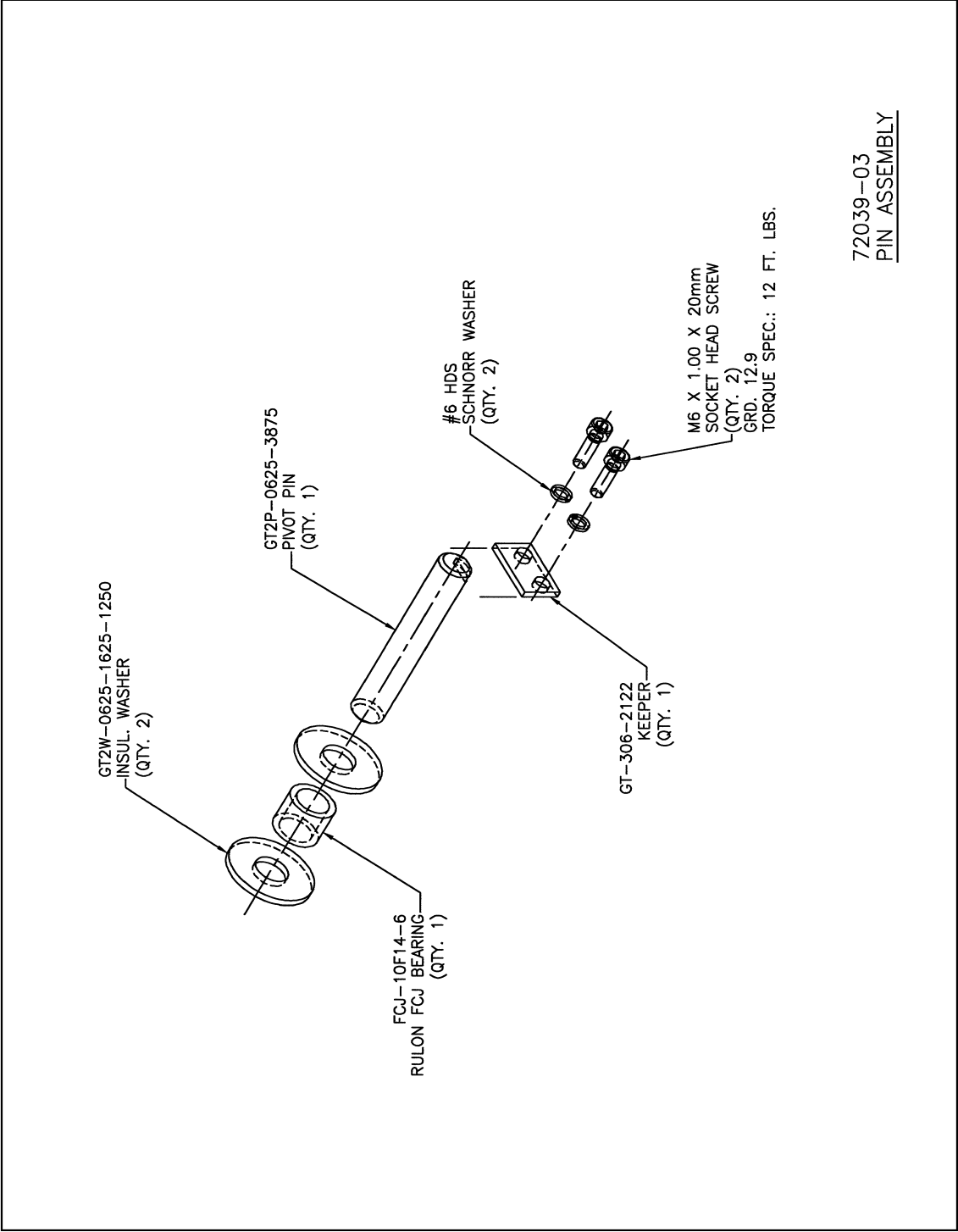
GROSSEL TOOL COMPANY



GROSSEL TOOL COMPANY



GROSSEL TOOL COMPANY

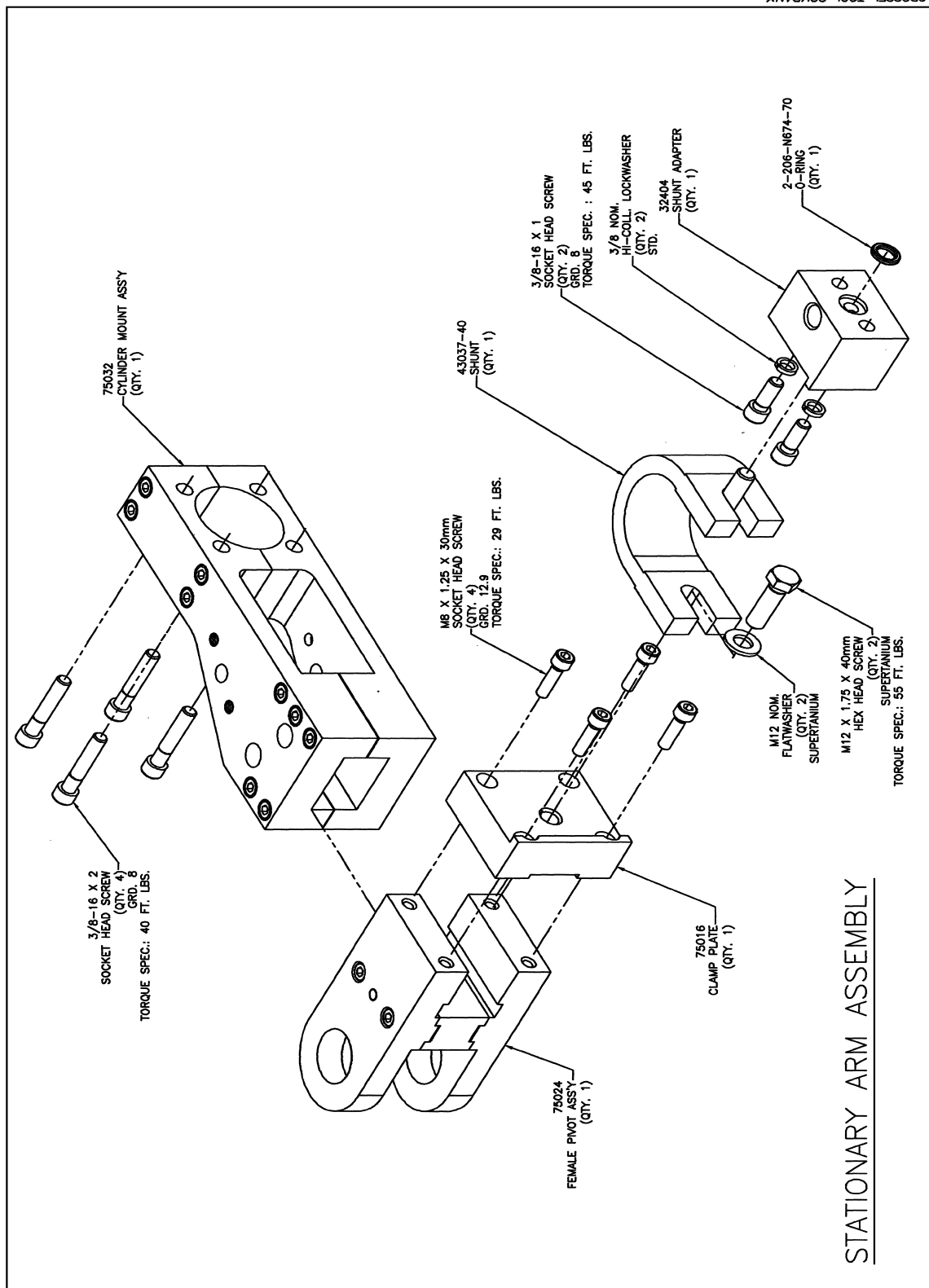




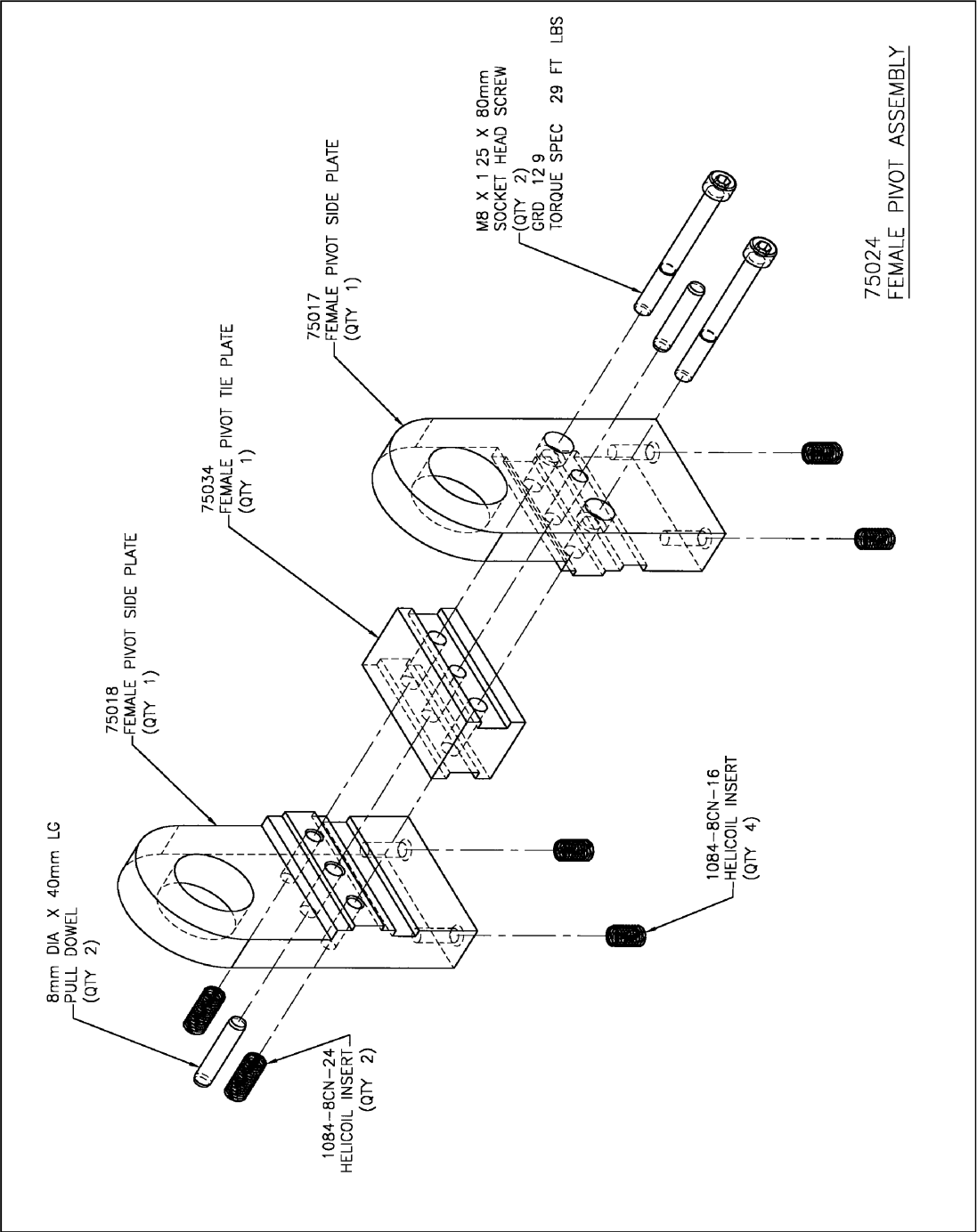
# Grossel Tool Modular Base Gun Assembly MANUAL

## SECTION 5: 75076-XX

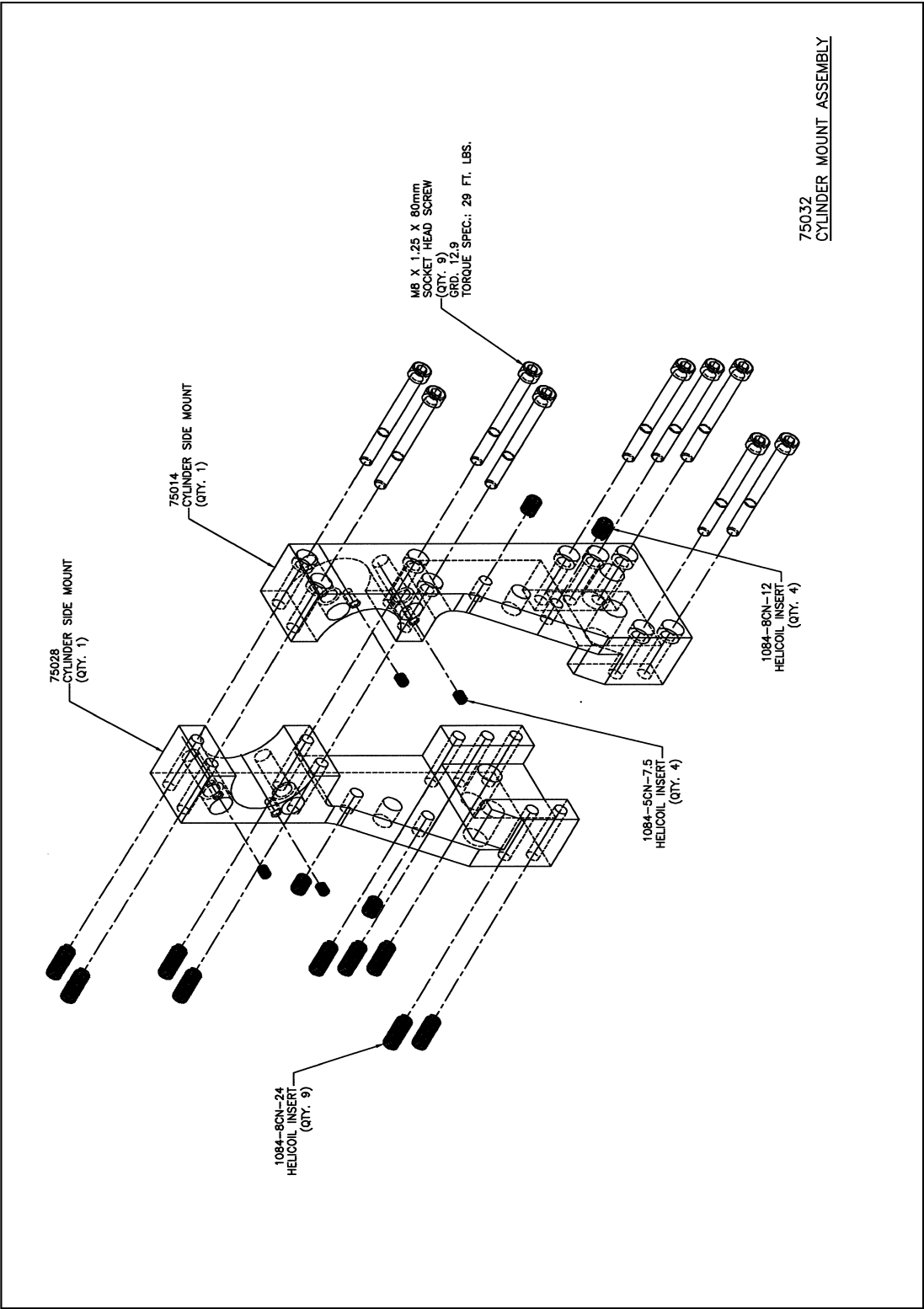
GROSSEL TOOL COMPANY

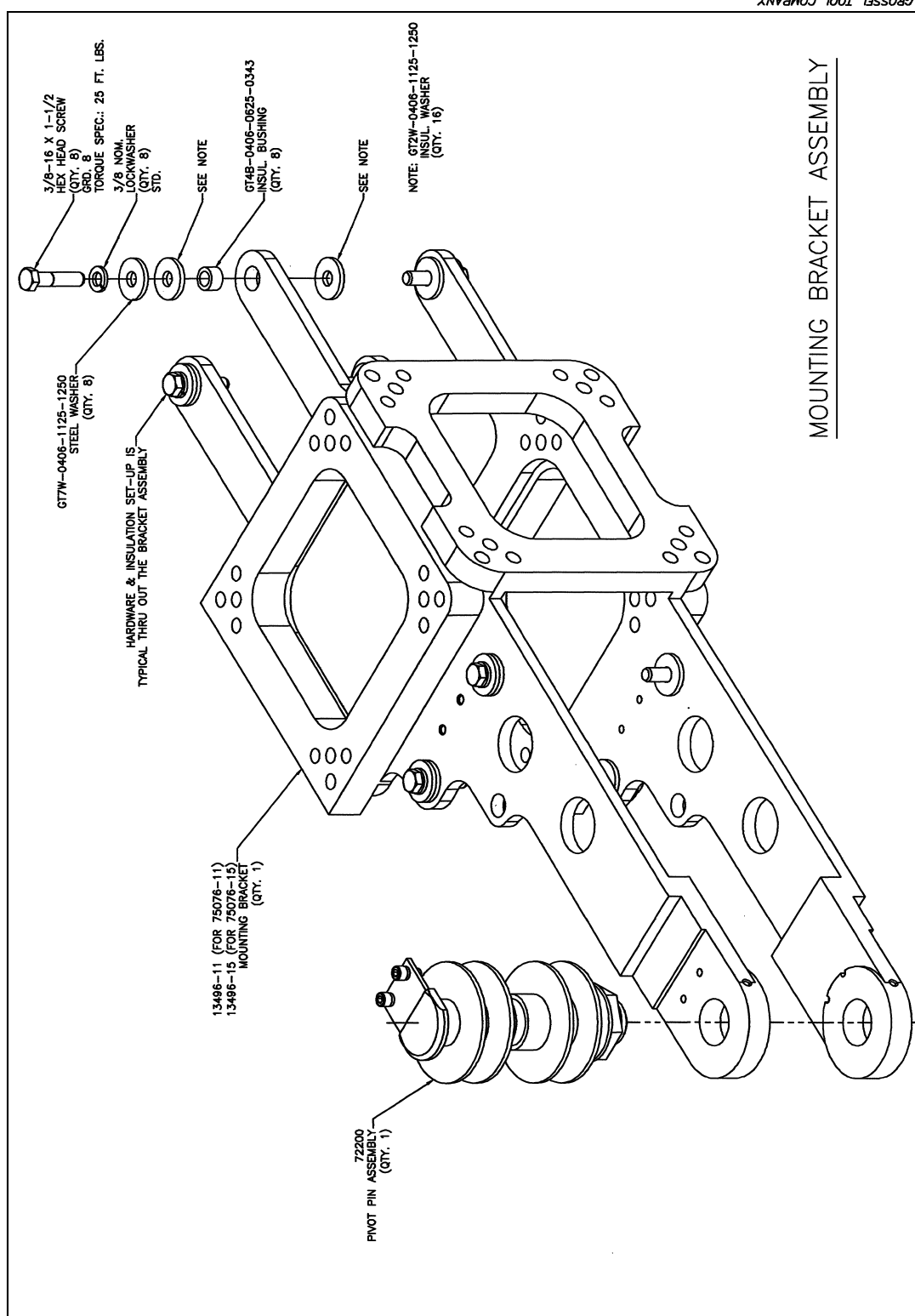


GROSSEL TOOL COMPANY

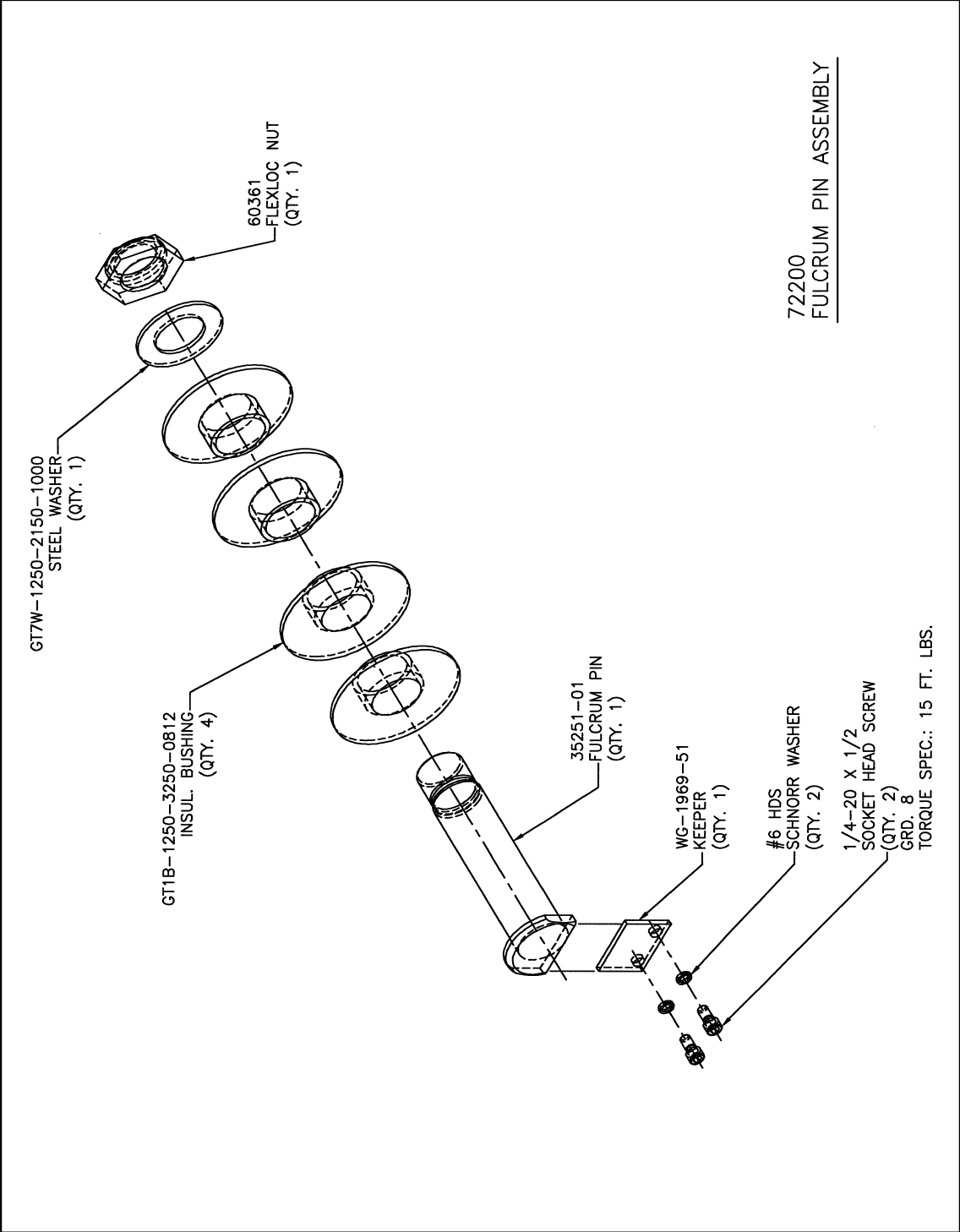


GROSSEL TOOL COMPANY



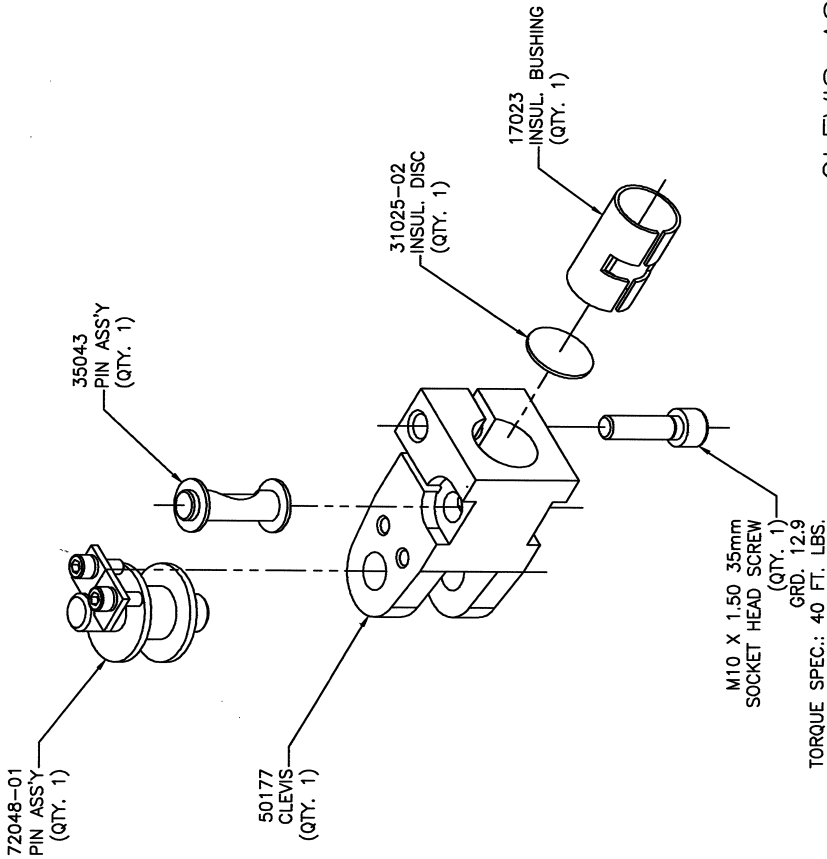


GROSSEL TOOL COMPANY

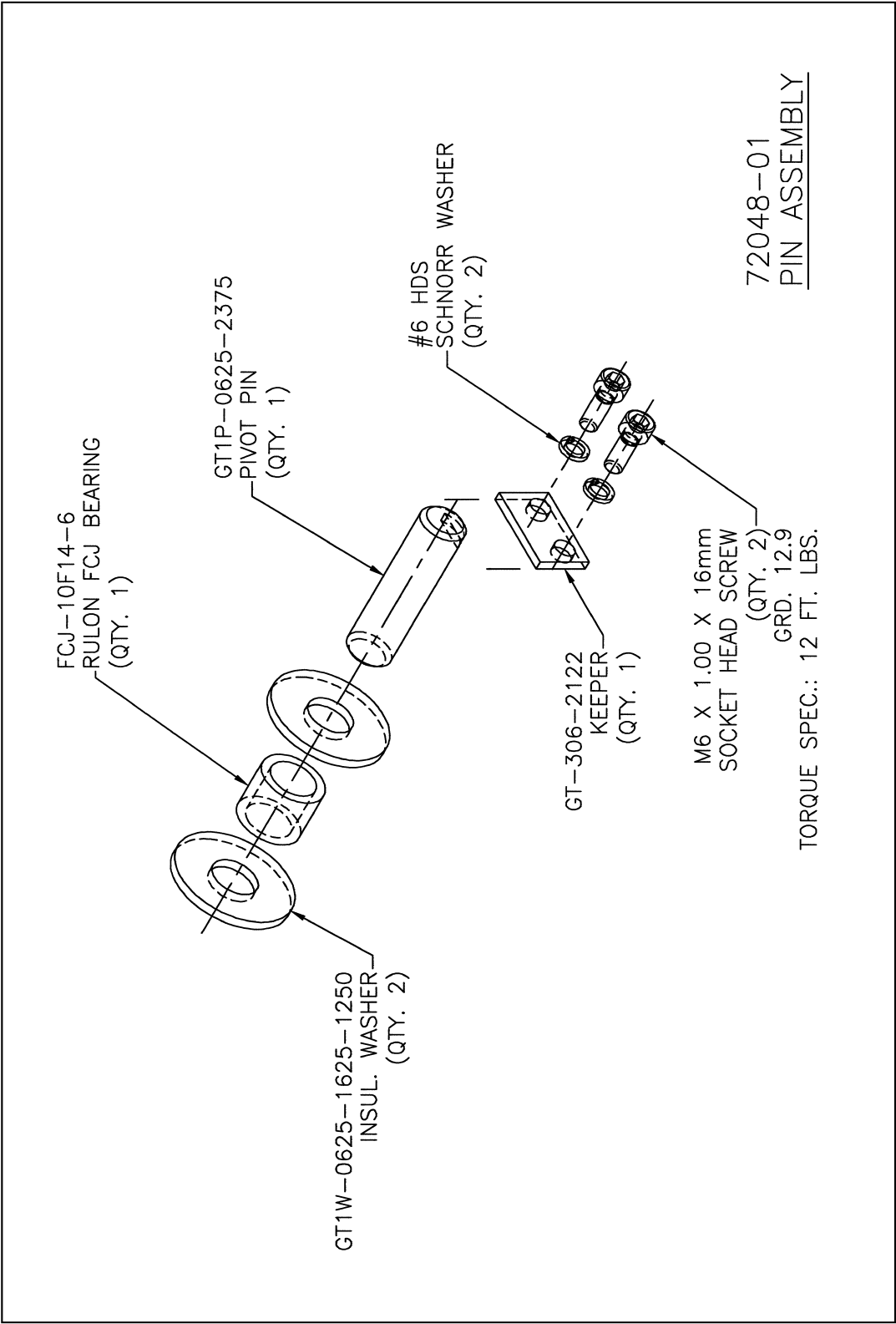


GROSSEL TOOL COMPANY

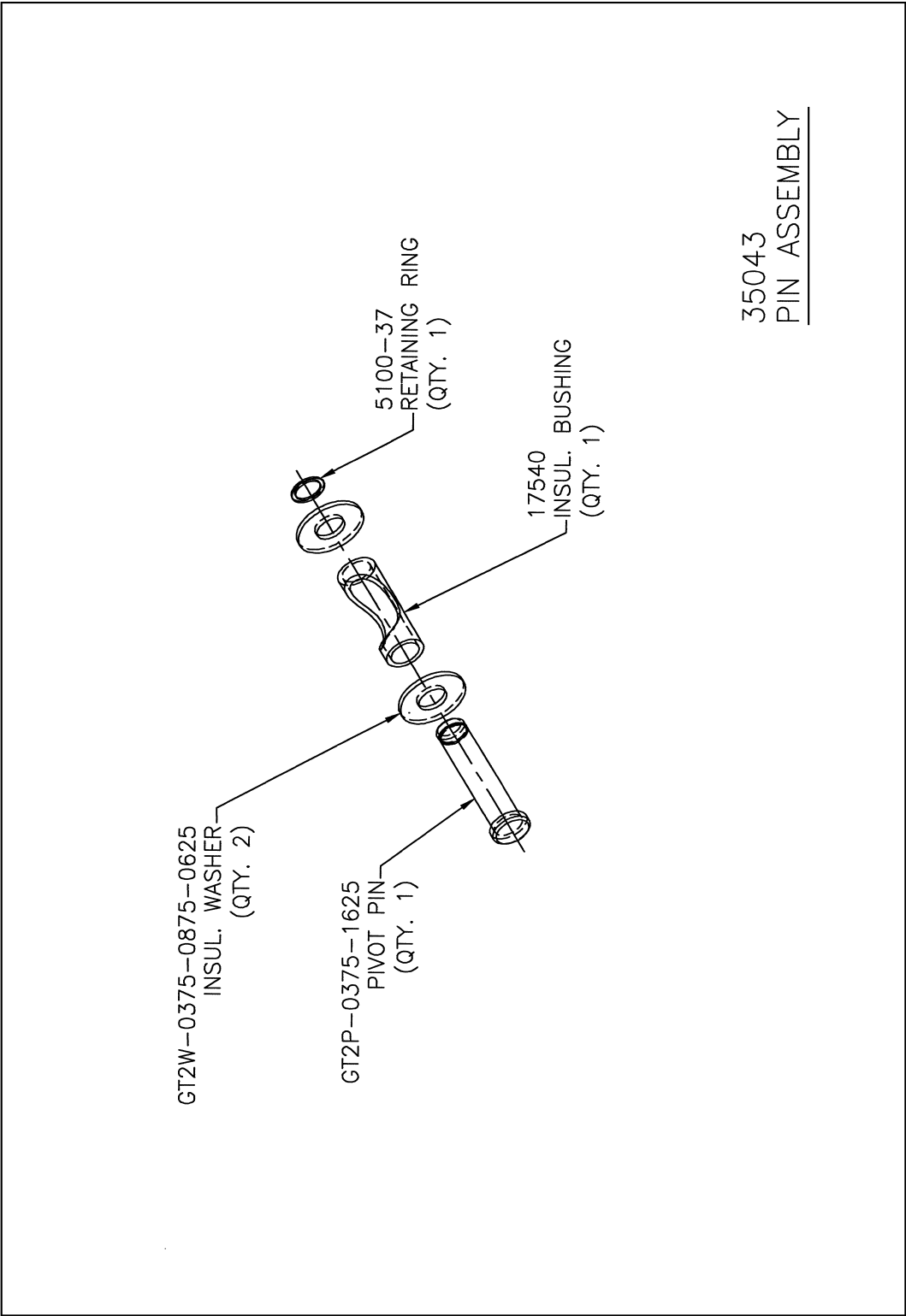
CLEVIS ASSEMBLY



GROSSEFL TOOL COMPANY

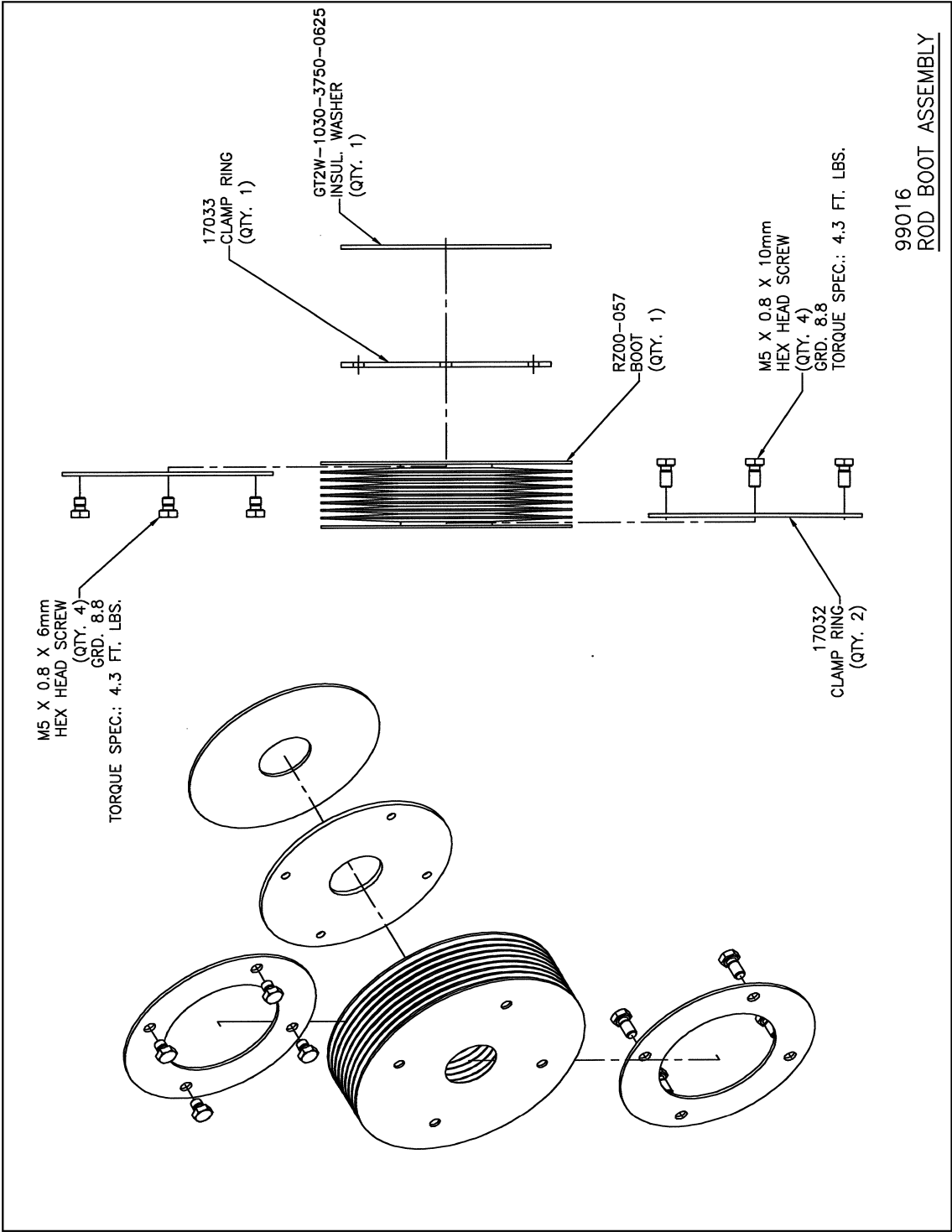


GROSSEF TOOL COMPANY



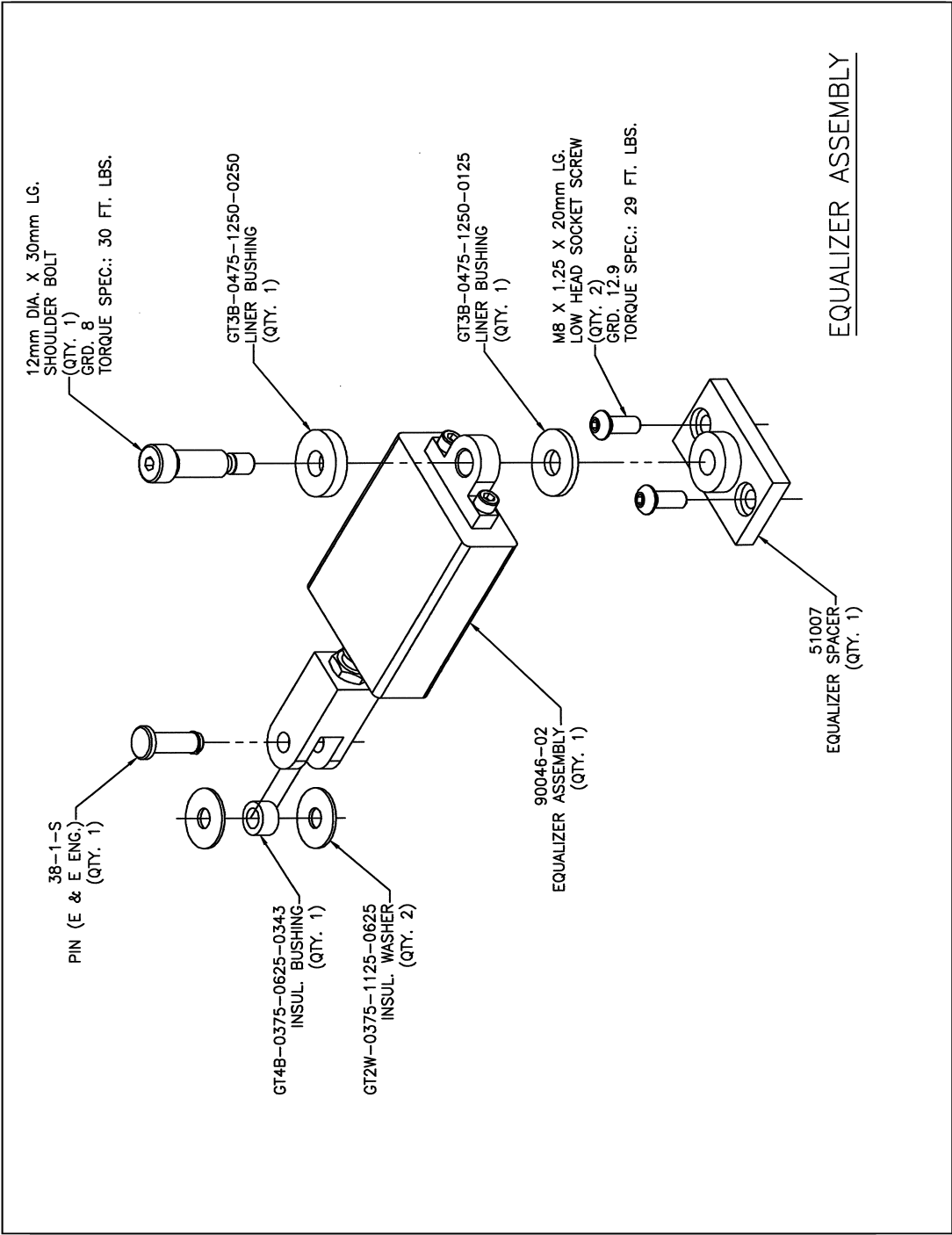


GROSSEL TOOL COMPANY

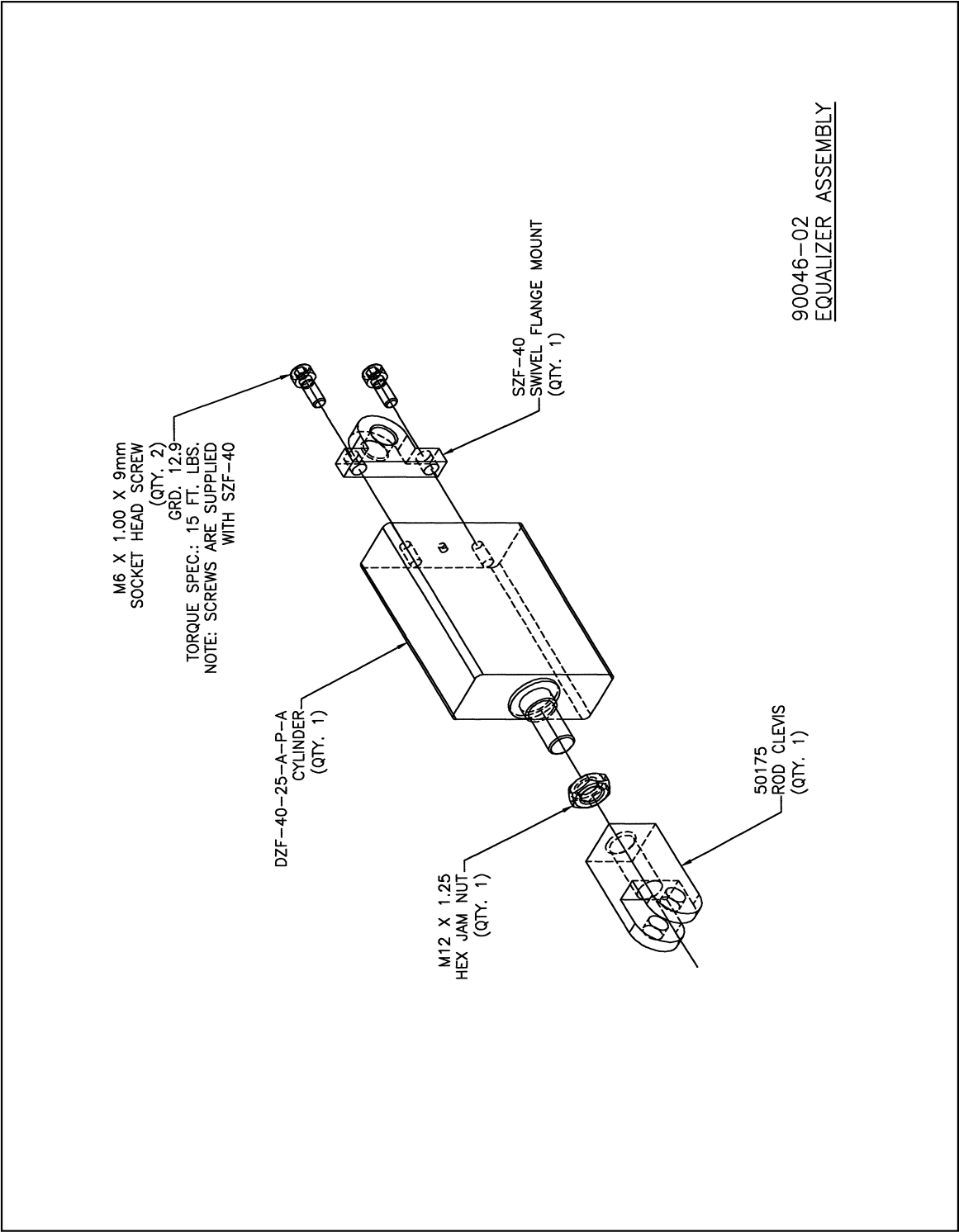


99016  
ROD BOOT ASSEMBLY

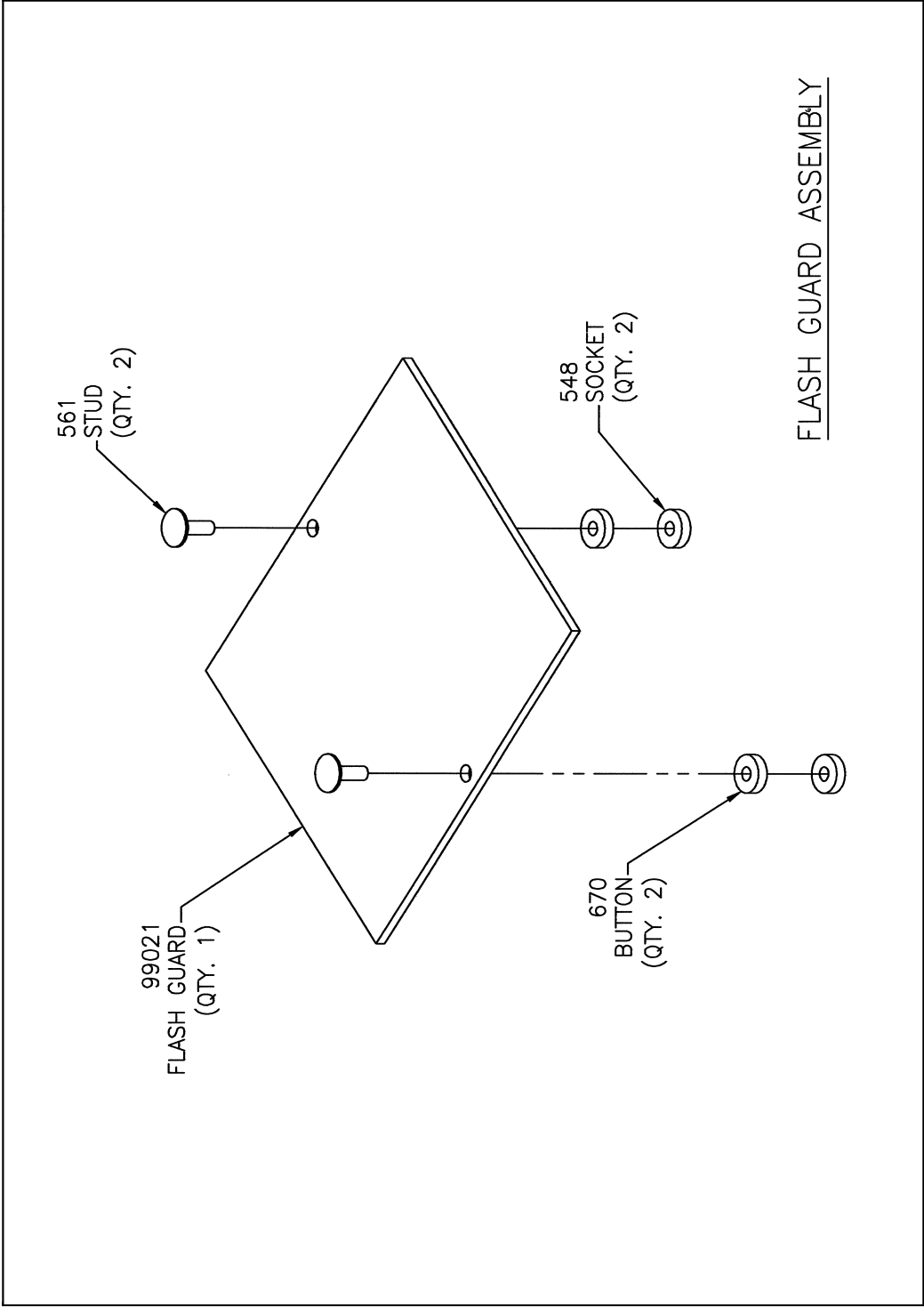
GROSSEL TOOL COMPANY



GROSSEL TOOL COMPANY



GROSSEL TOOL COMPANY



## **Section 6**

**75086-xx**

**Scissor Type / Robot Style  
Base Gun**

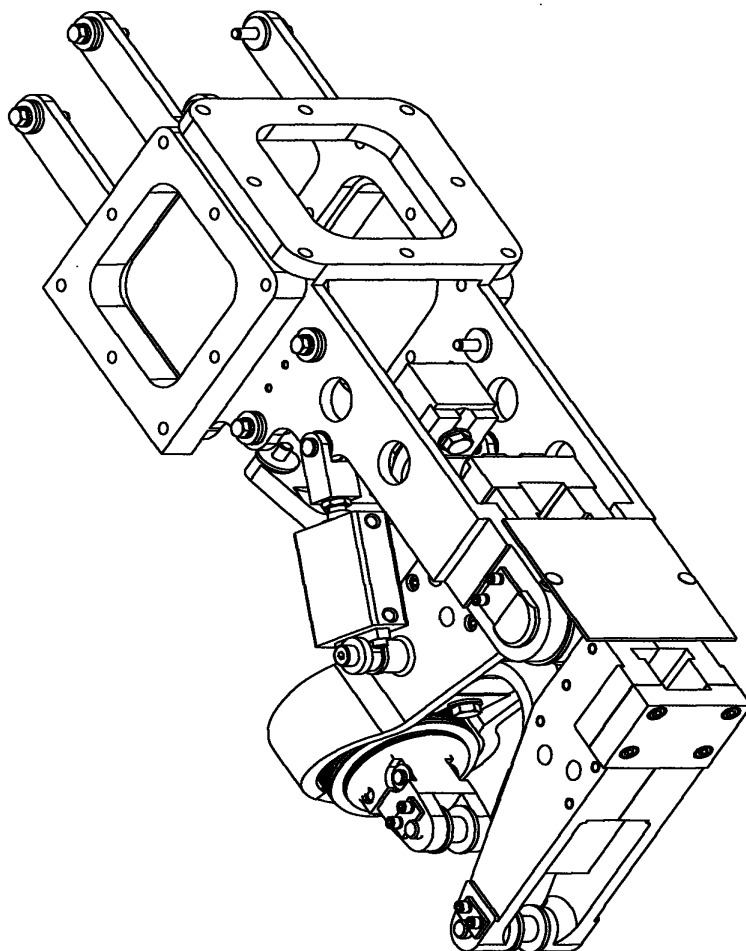


## 75086 Print List

| <u>Print</u>                                    | <u>Page</u> |
|-------------------------------------------------|-------------|
| 1. Scissor type/Robot Style Assembly-Cover..... | 6-4         |
| 2. Scissor Base Gun Assembly.....               | 6-5         |
| 3. Moveable Arm Assembly.....                   | 6-6         |
| 4. 75088 Rod Side Mount Assembly.....           | 6-7         |
| 5. 72039-03 Pin Assembly.....                   | 6-8         |
| 6. Stationary Arm Assembly .....                | 6-9         |
| 7. 75097 Cylinder Mount Assembly .....          | 6-10        |
| 8. Mounting Bracket Assembly.....               | 6-11        |
| 9. 72200 Fulcrum Pin Assembly .....             | 6-12        |
| 10. Clevis Assembly .....                       | 6-13        |
| 11. 35043 Pin Assembly .....                    | 6-14        |
| 12. 72048-01 Pin Assembly .....                 | 6-15        |
| 13. 99016 Rob Boot Assembly .....               | 6-16        |
| 14. Equalizer Assembly .....                    | 6-17        |

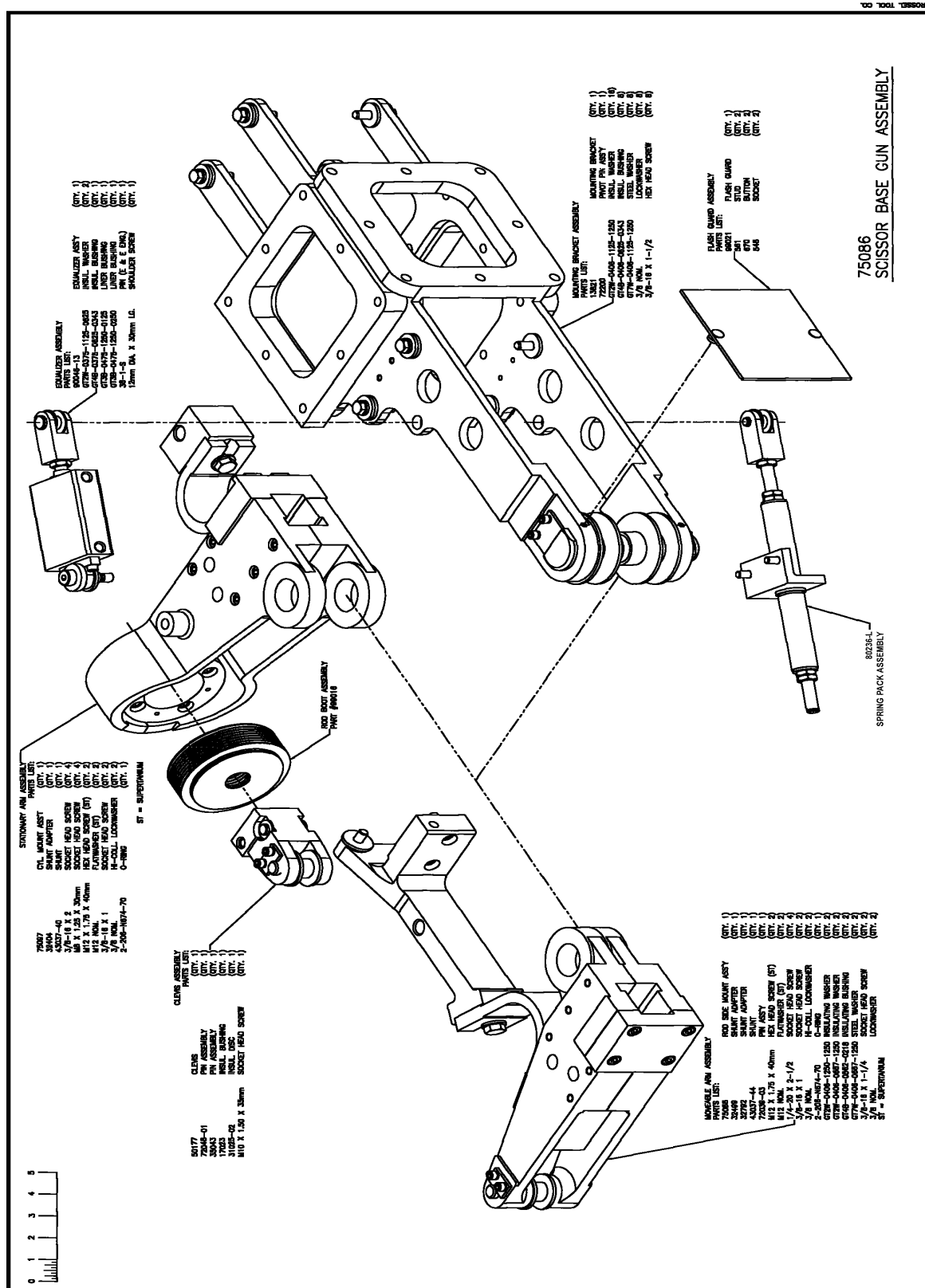
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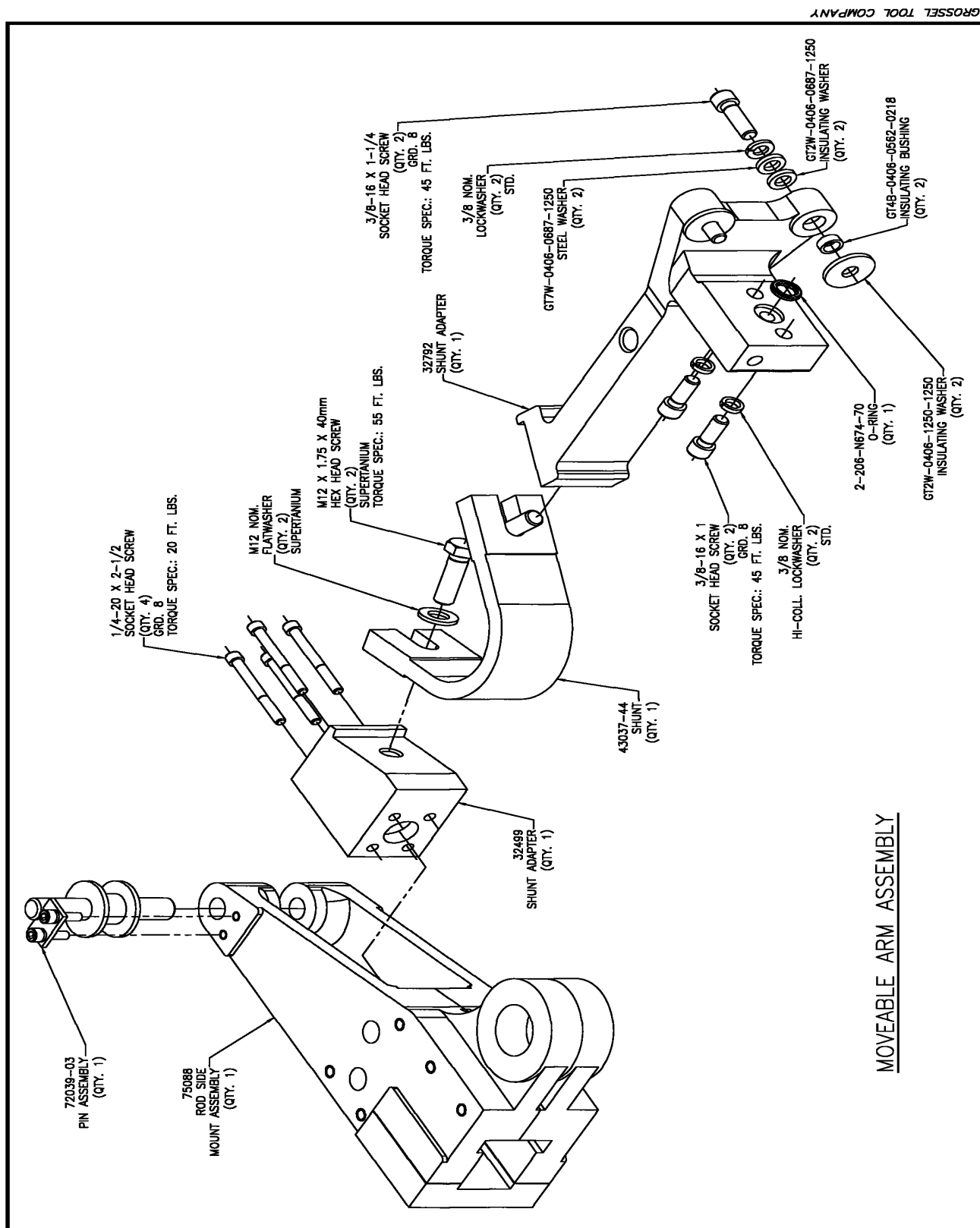
| <u>Print</u>                           | <u>Page</u> |
|----------------------------------------|-------------|
| 15. 90046-13 Equalizer Assembly .....  | 6-18        |
| 16. 80236-L Spring Pack Assembly ..... | 6-19        |
| 17. Flash Guard Assembly .....         | 6-20        |



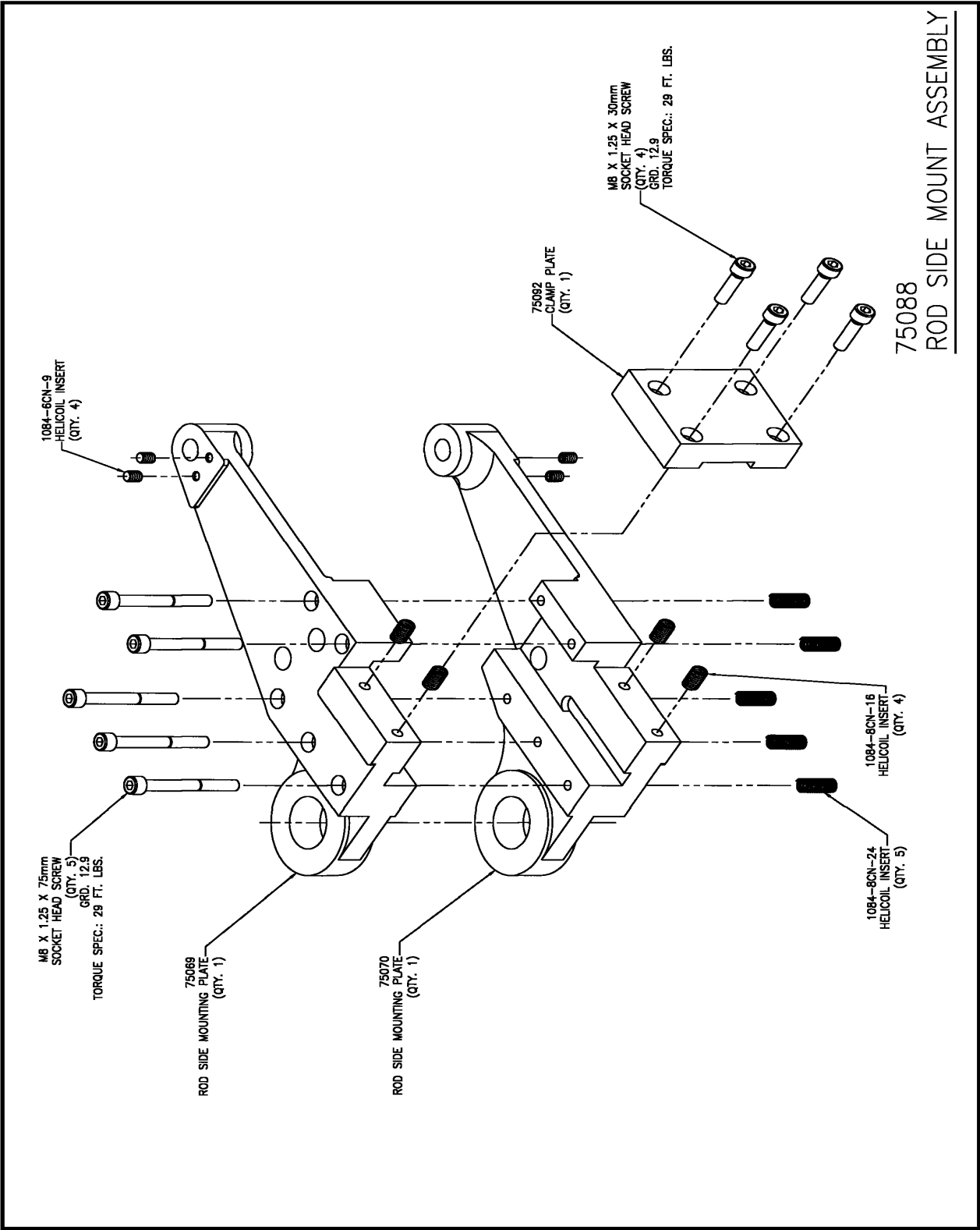
GROSSEL TOOL CO.  
SCISSOR TYPE / ROBOT STYLE  
BASE GUN ASSEMBLY  
"75086"



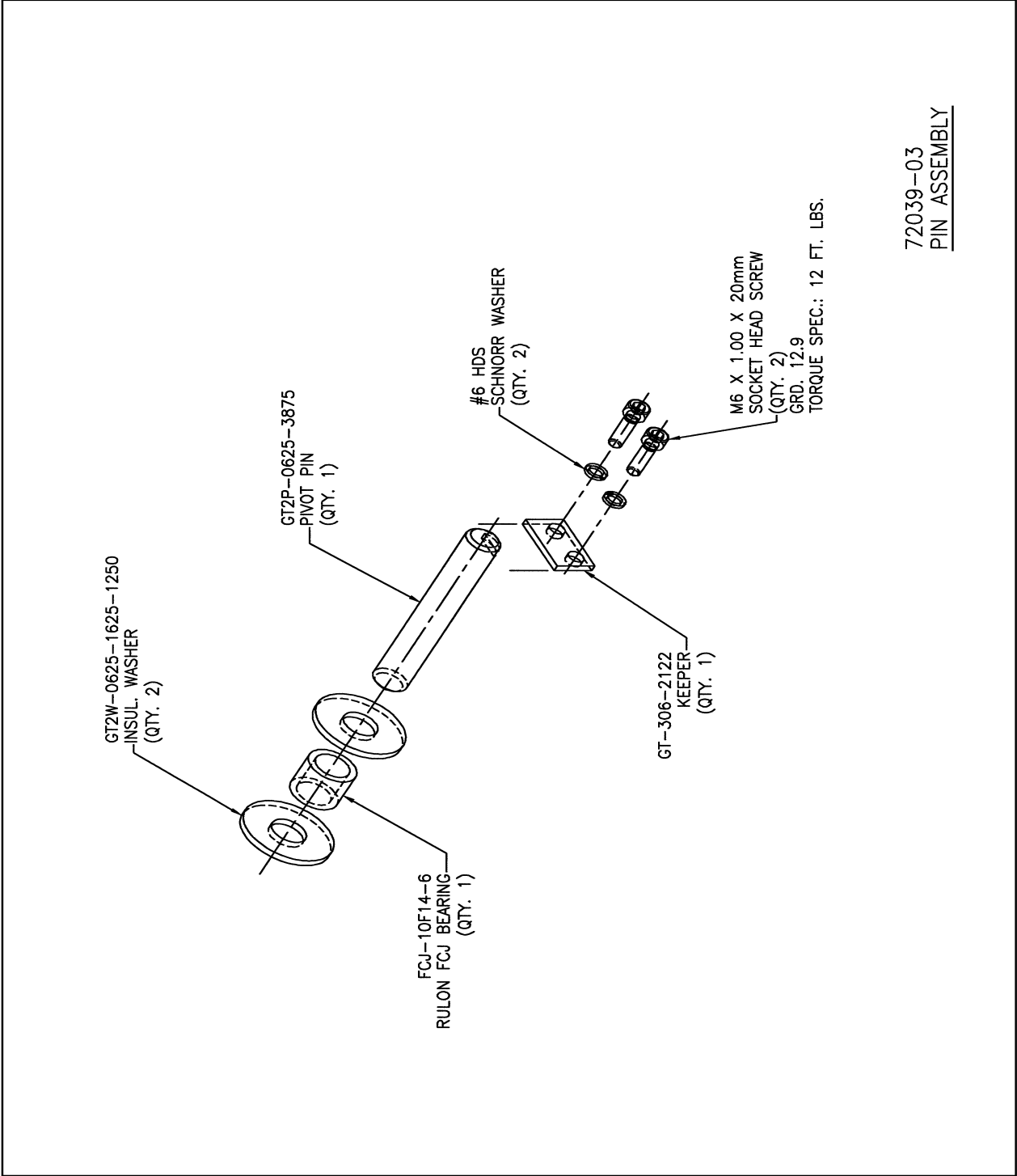




GROSSEL TOOL COMPANY

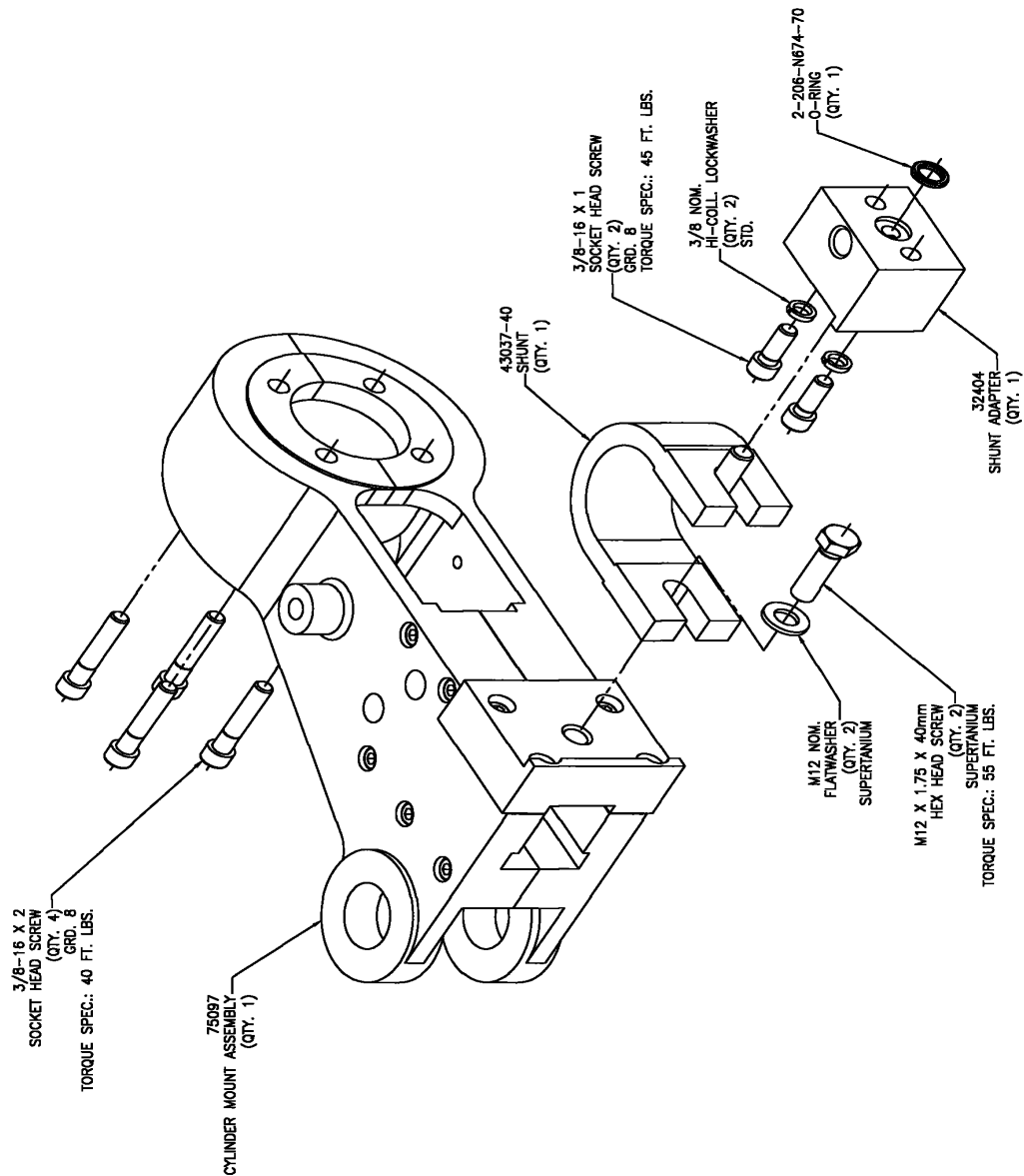


GROSSEL TOOL COMPANY

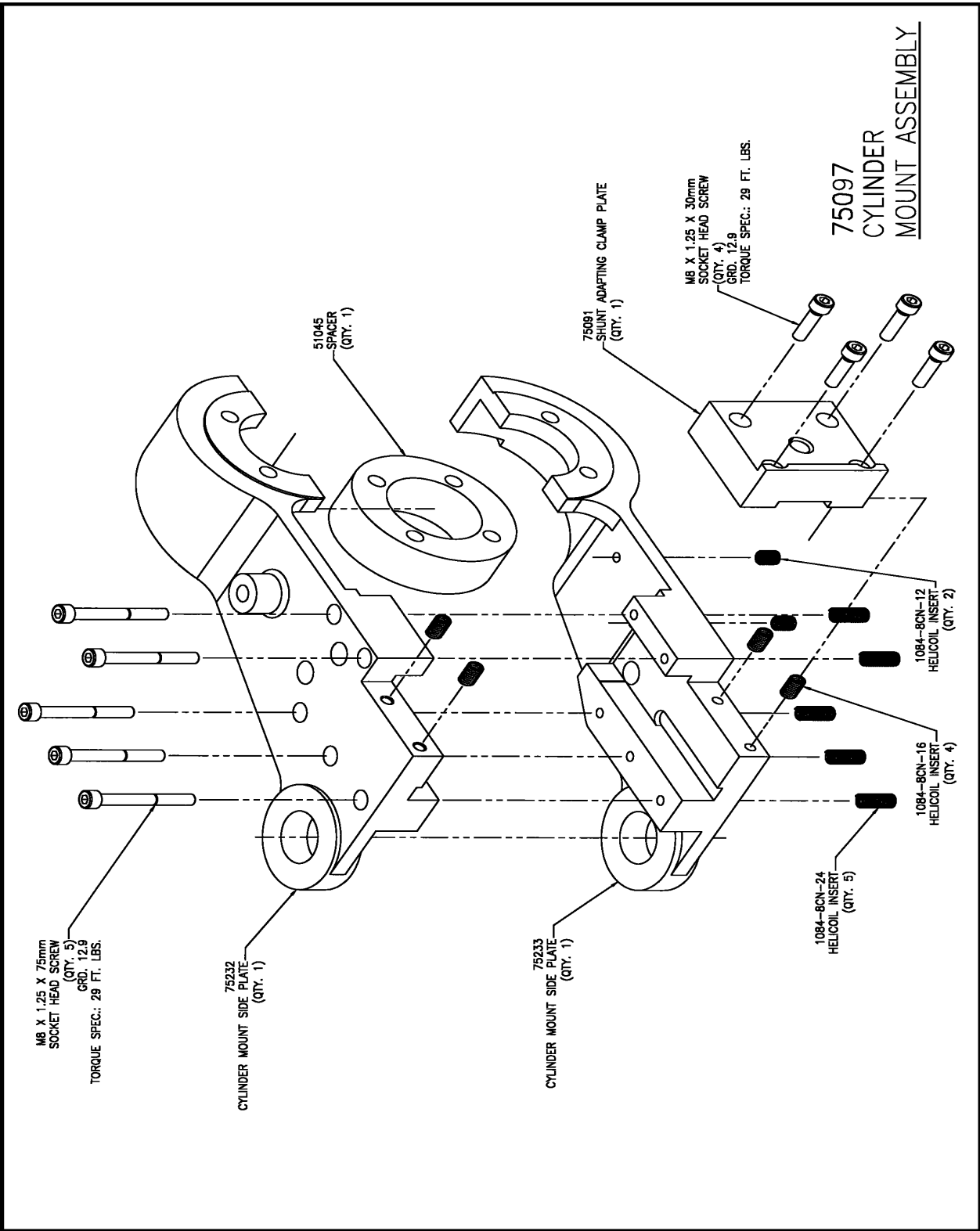


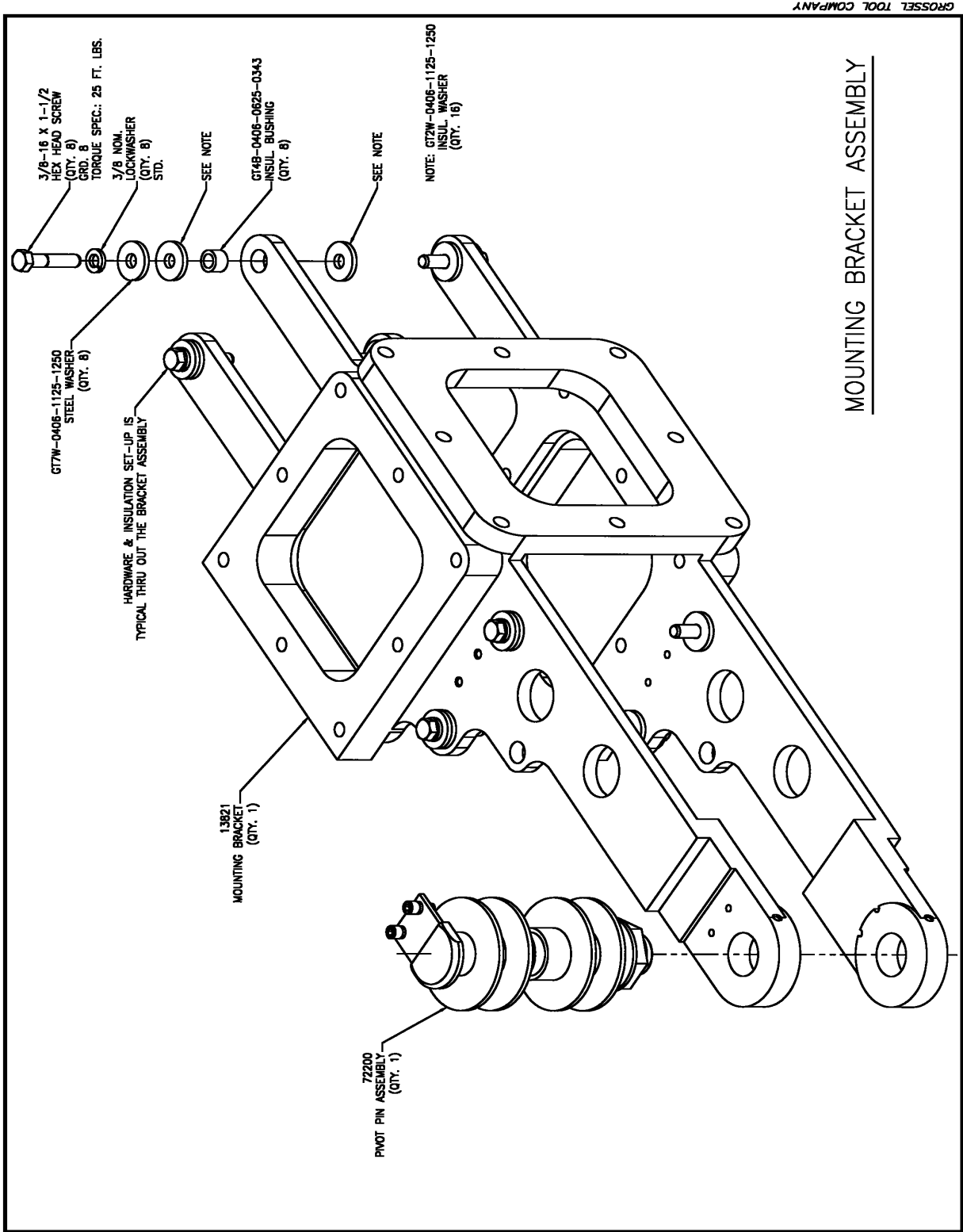
GROSSEL TOOL COMPANY

STATIONARY ARM ASSEMBLY

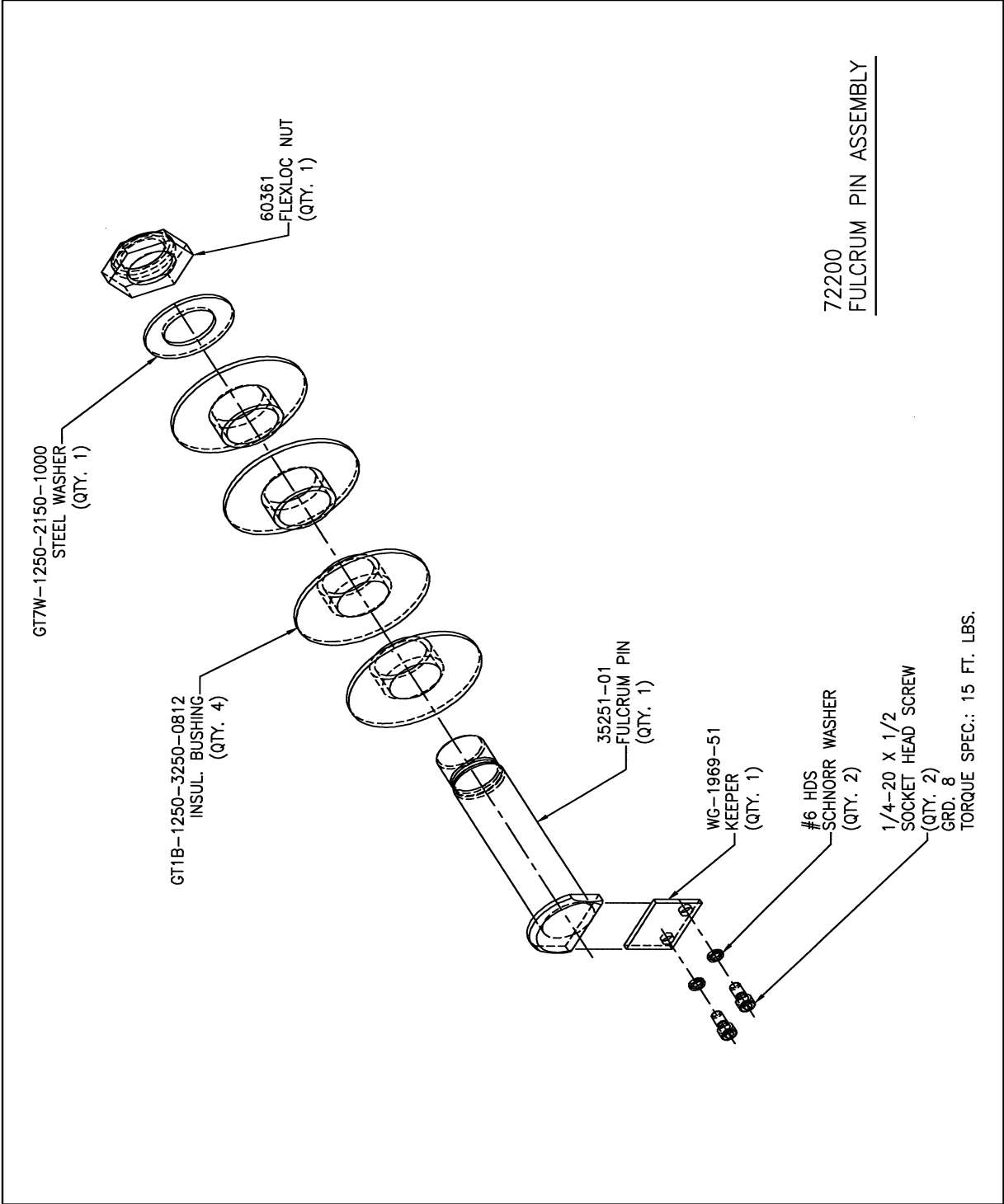


GROSSEL TOOL COMPANY



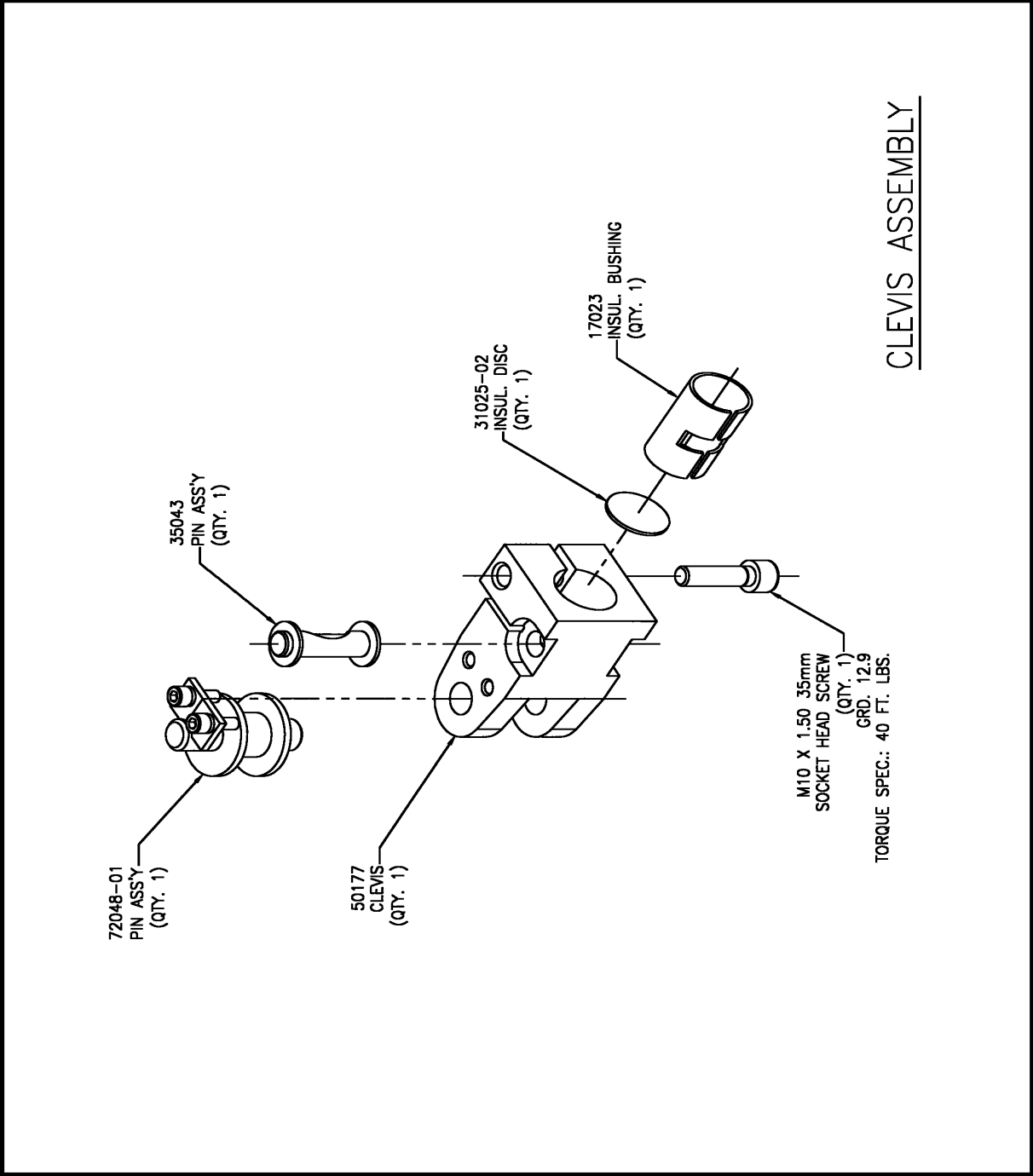


GROSSEL TOOL COMPANY

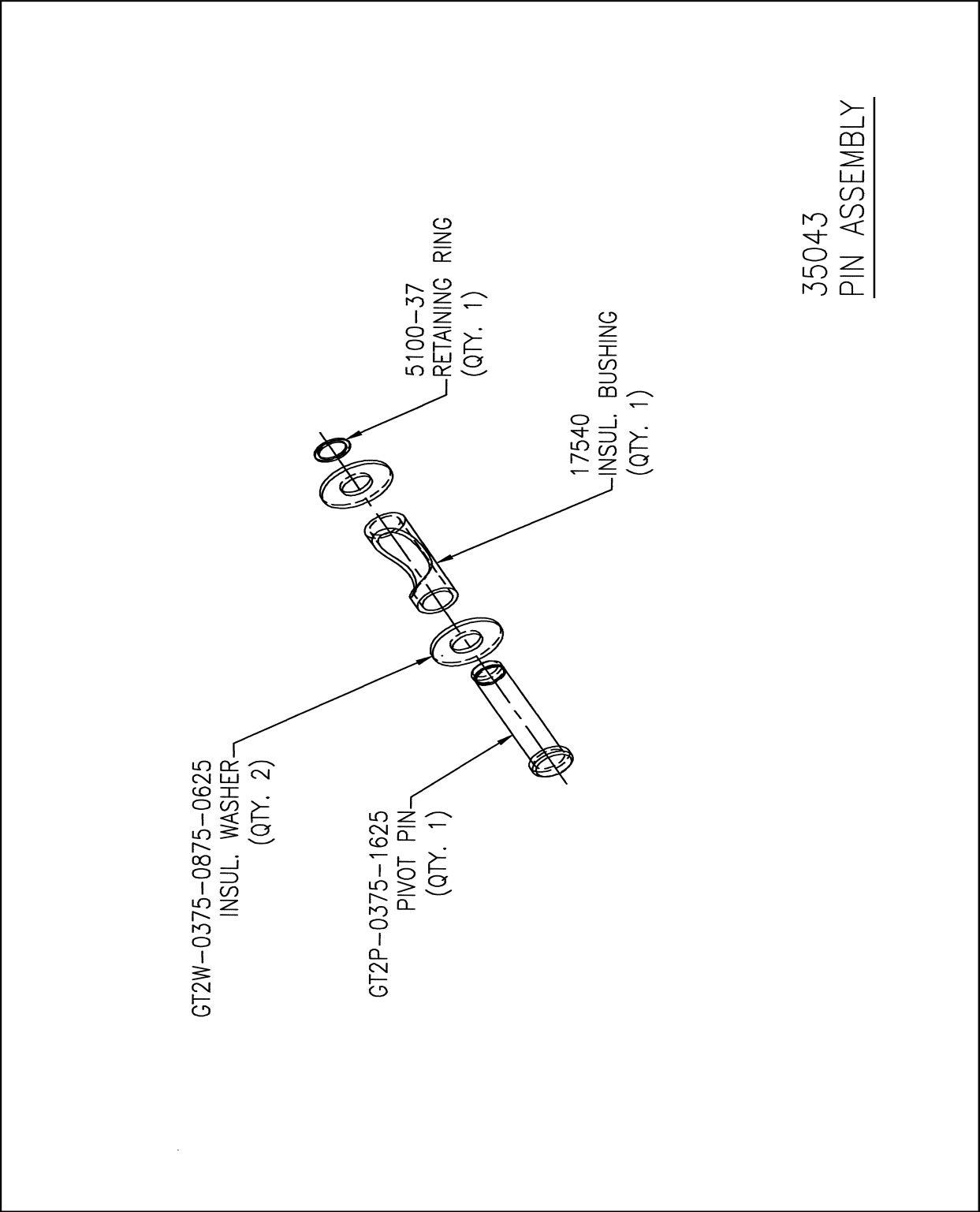




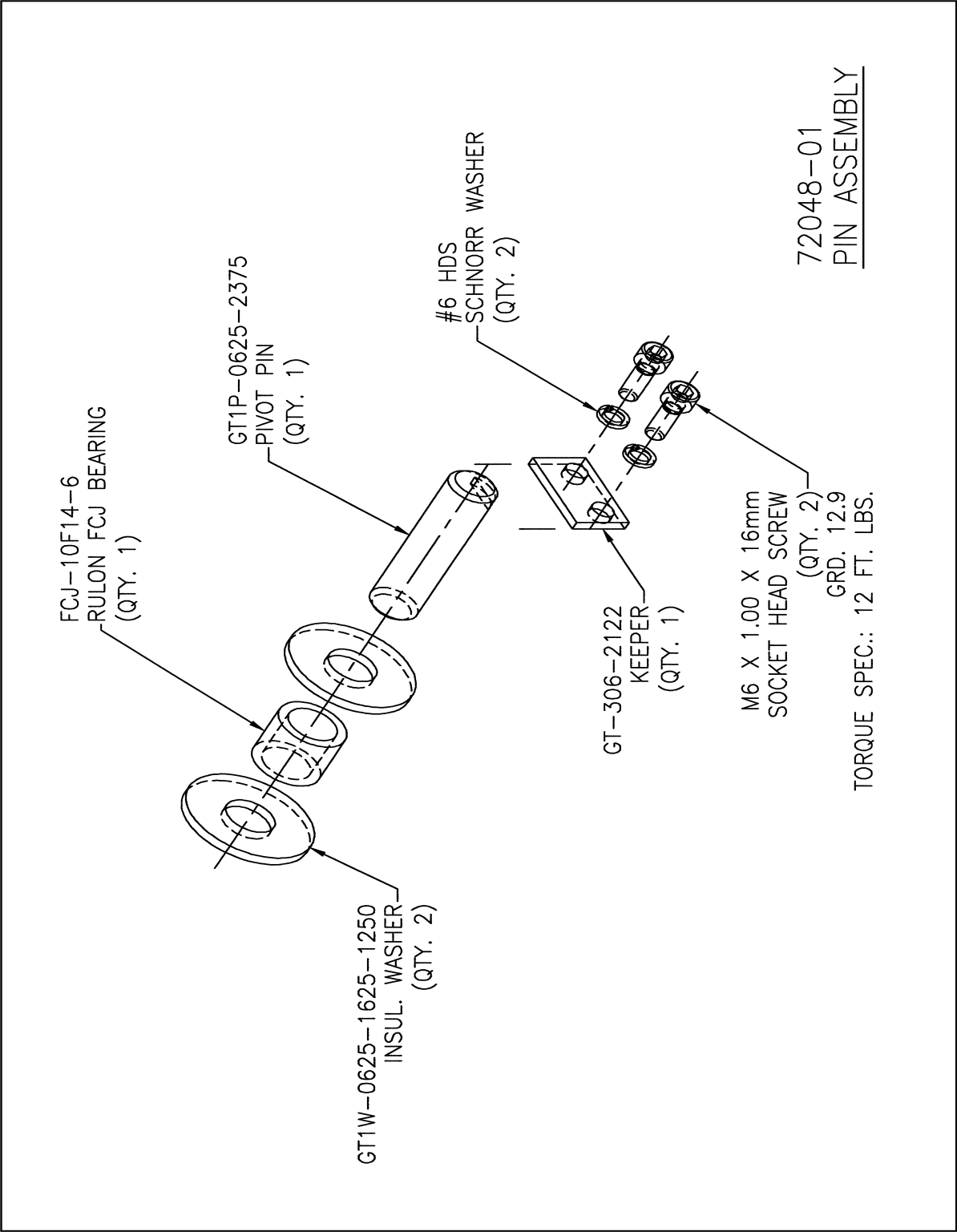
GROSSEL TOOL COMPANY



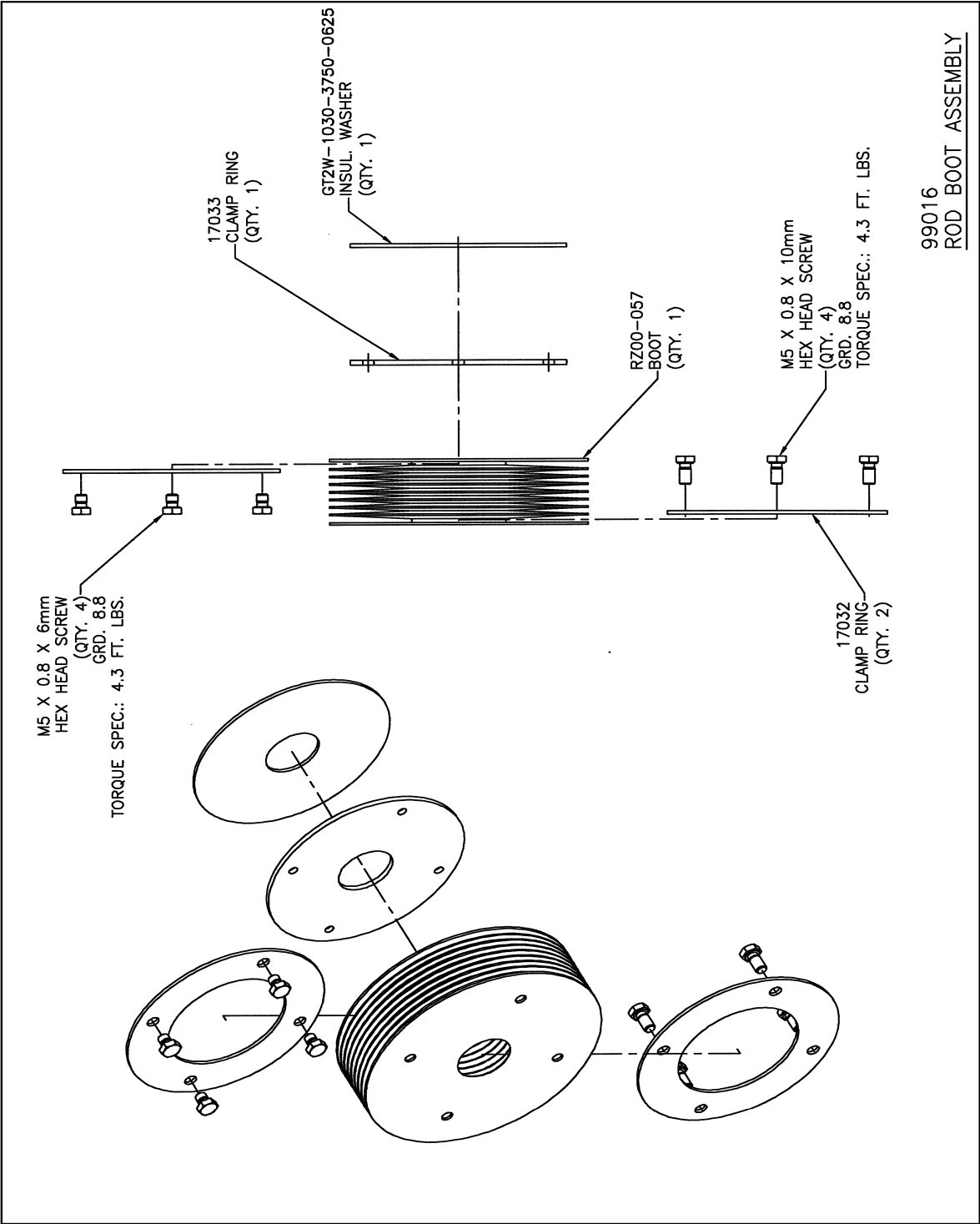
GROSSEF TOOL COMPANY



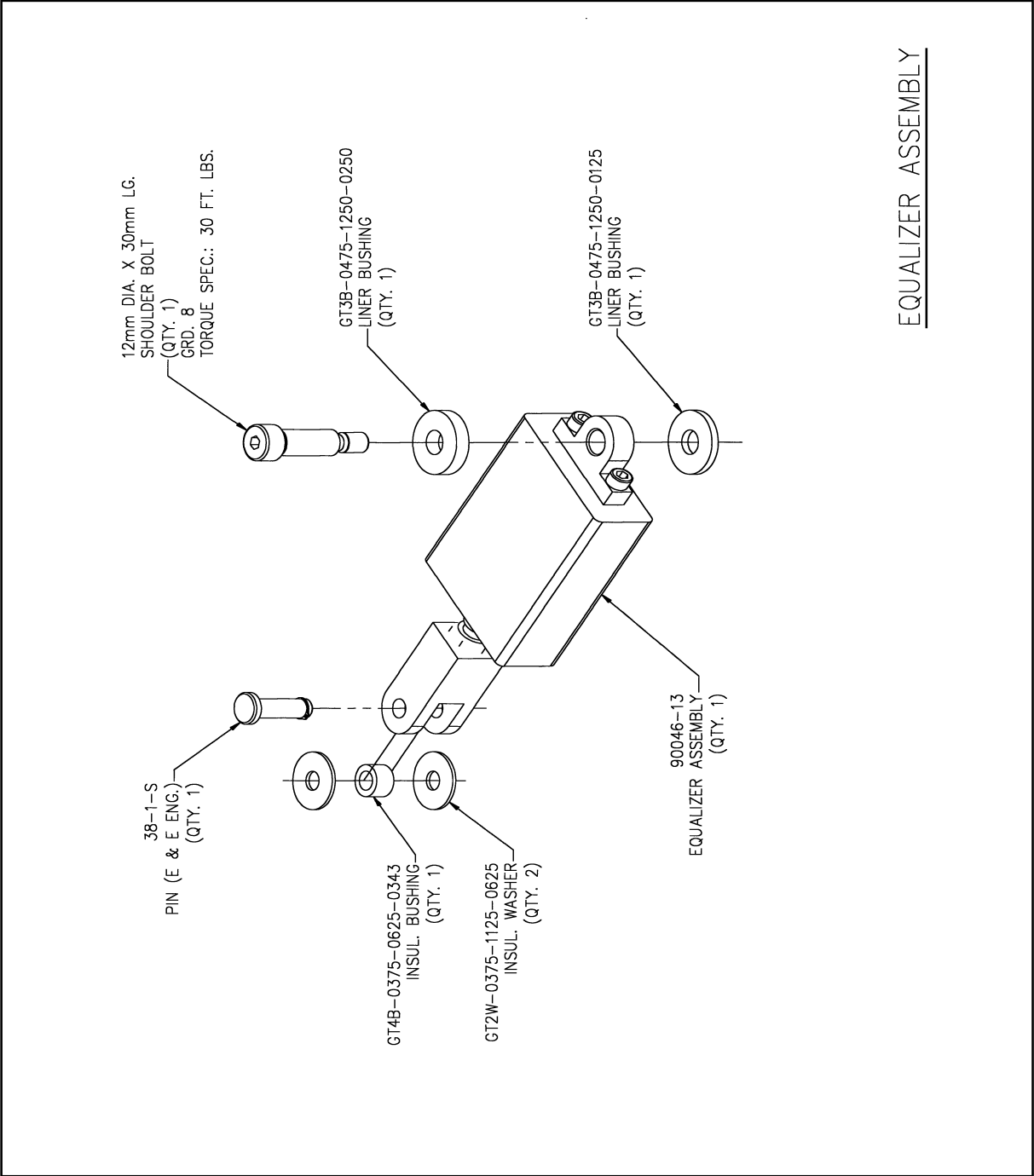
GROSSELT TOOL COMPANY



GROSSEL TOOL COMPANY



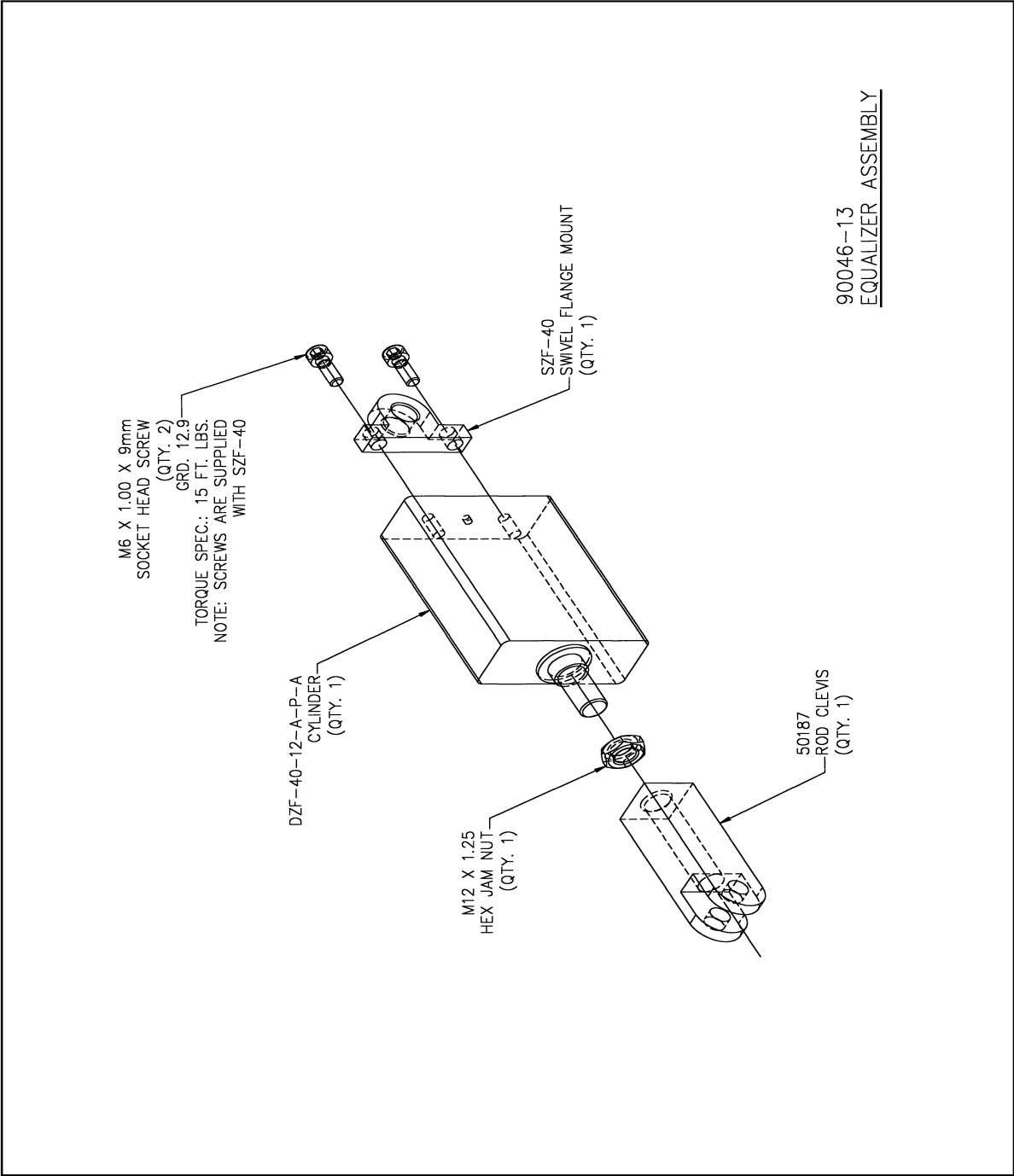
GROSSEL TOOL COMPANY



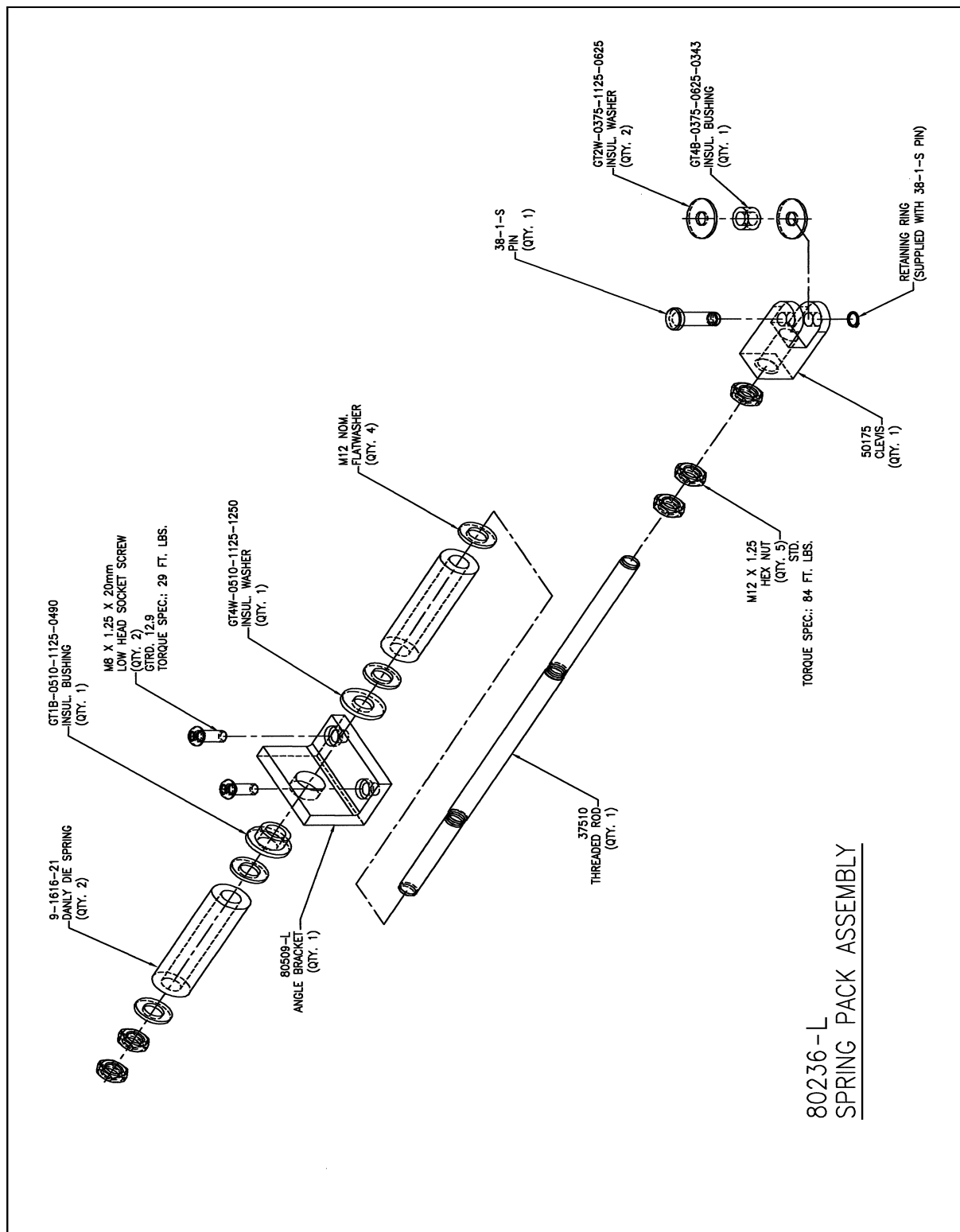
EQUALIZER ASSEMBLY

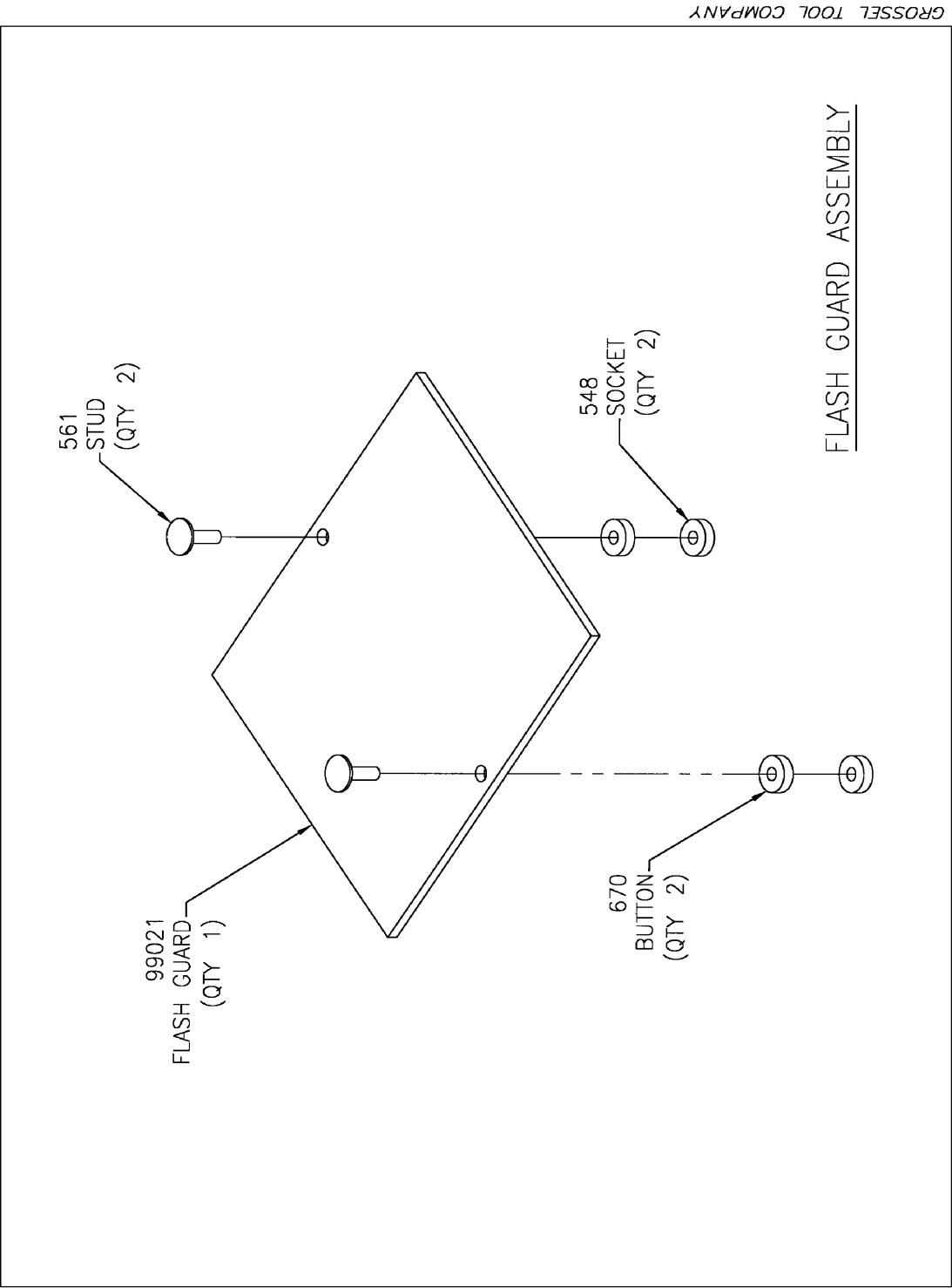


GROSSEL TOOL COMPANY



GROSSEL TOOL COMPANY







## **Section 7**

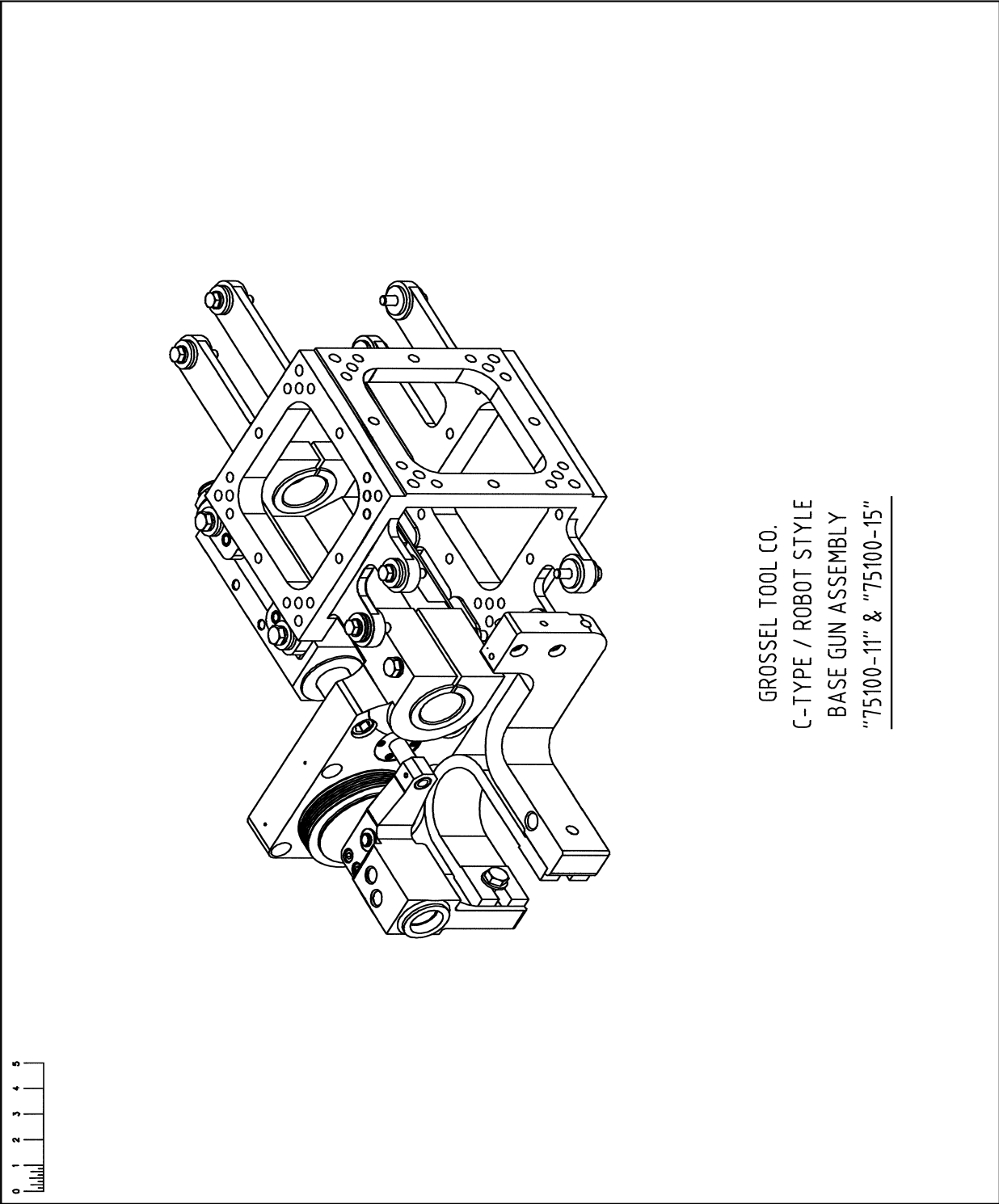
**75100-xx**

**C-Type Base Gun**



## **75100 Print List**

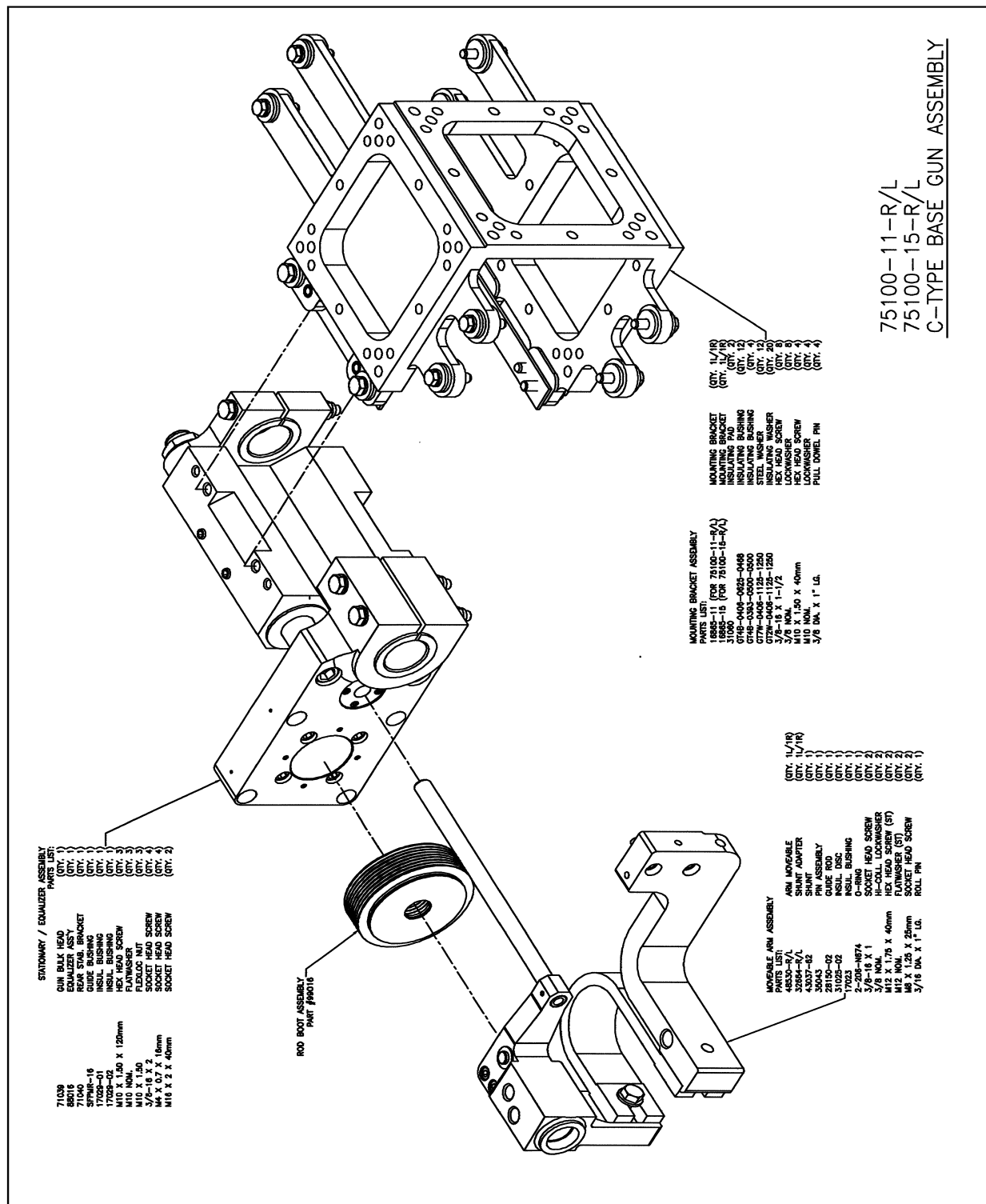
| <u>Print</u>                           | <u>Page</u> |
|----------------------------------------|-------------|
| 1. C-Type Base Gun Assembly-Cover..... | 7-3         |
| 2. C-Type Base Gun Assembly.....       | 7-4         |
| 3. Moveable Arm Assembly.....          | 7-5         |
| 4. 35043 Pin Assembly.....             | 7-6         |
| 5. Mounting Bracket Assembly.....      | 7-7         |
| 6. Stationary Equalizer Assembly.....  | 7-8         |
| 7. 88016 Equalizer Assembly Sht-1..... | 7-9         |
| 8. 88016 Equalizer Assembly Sht-2..... | 7-10        |
| 9. 99016 Rod Boot Assembly.....        | 7-11        |

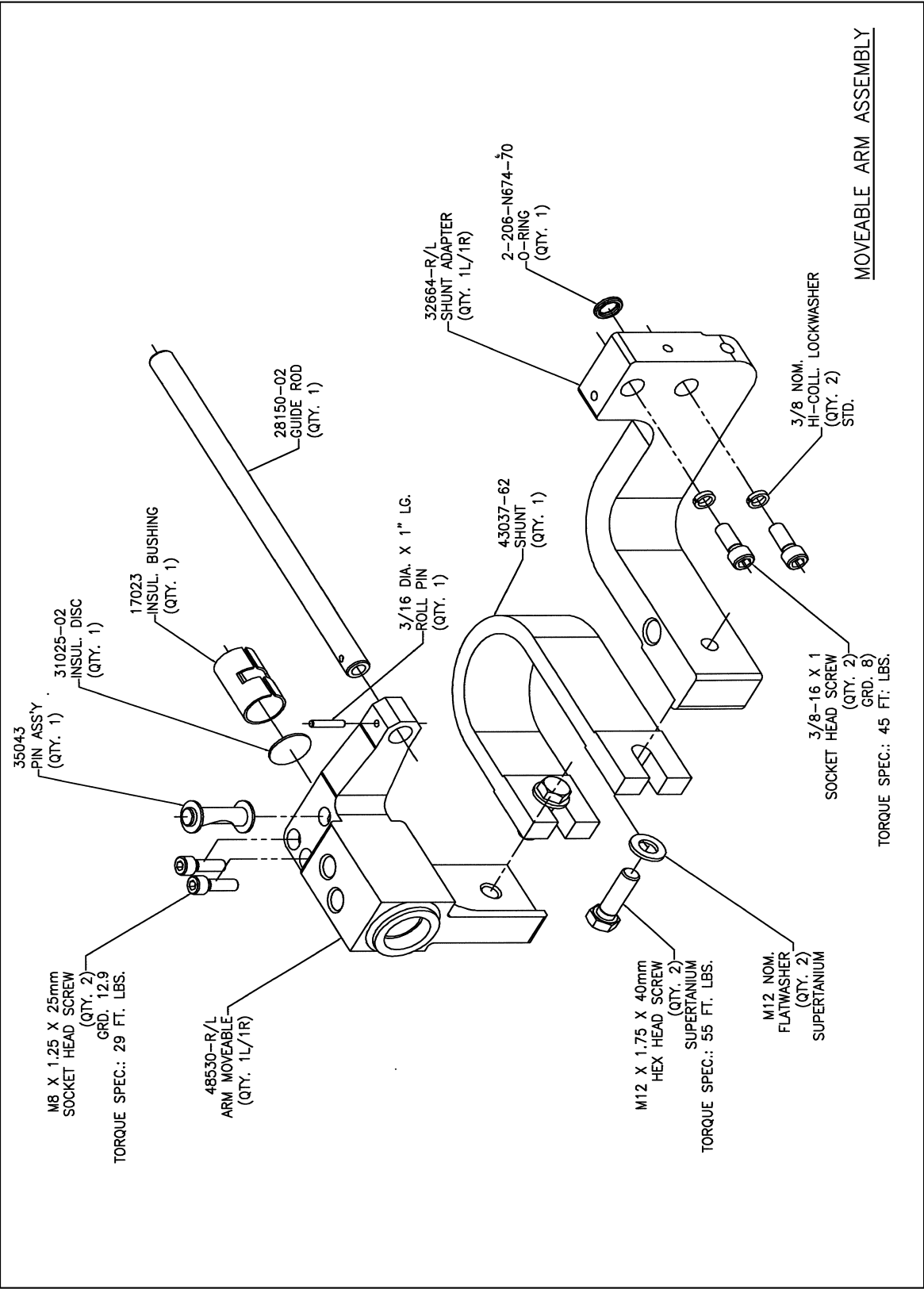


GROSSEL TOOL CO.  
C-TYPE / ROBOT STYLE  
BASE GUN ASSEMBLY  
"75100-11" & "75100-15"

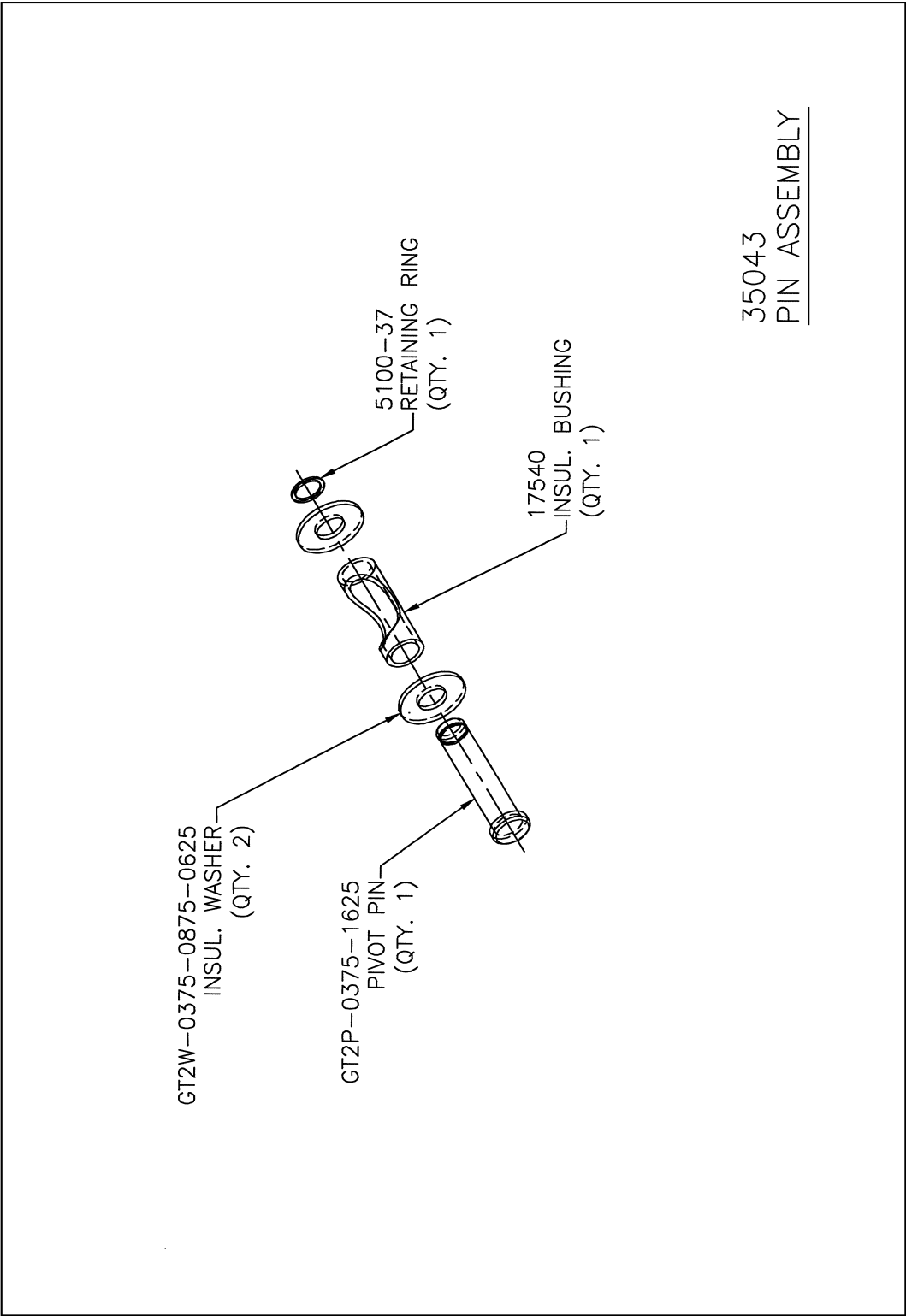
# Grossel Tool Modular Base Gun Assembly MANUAL

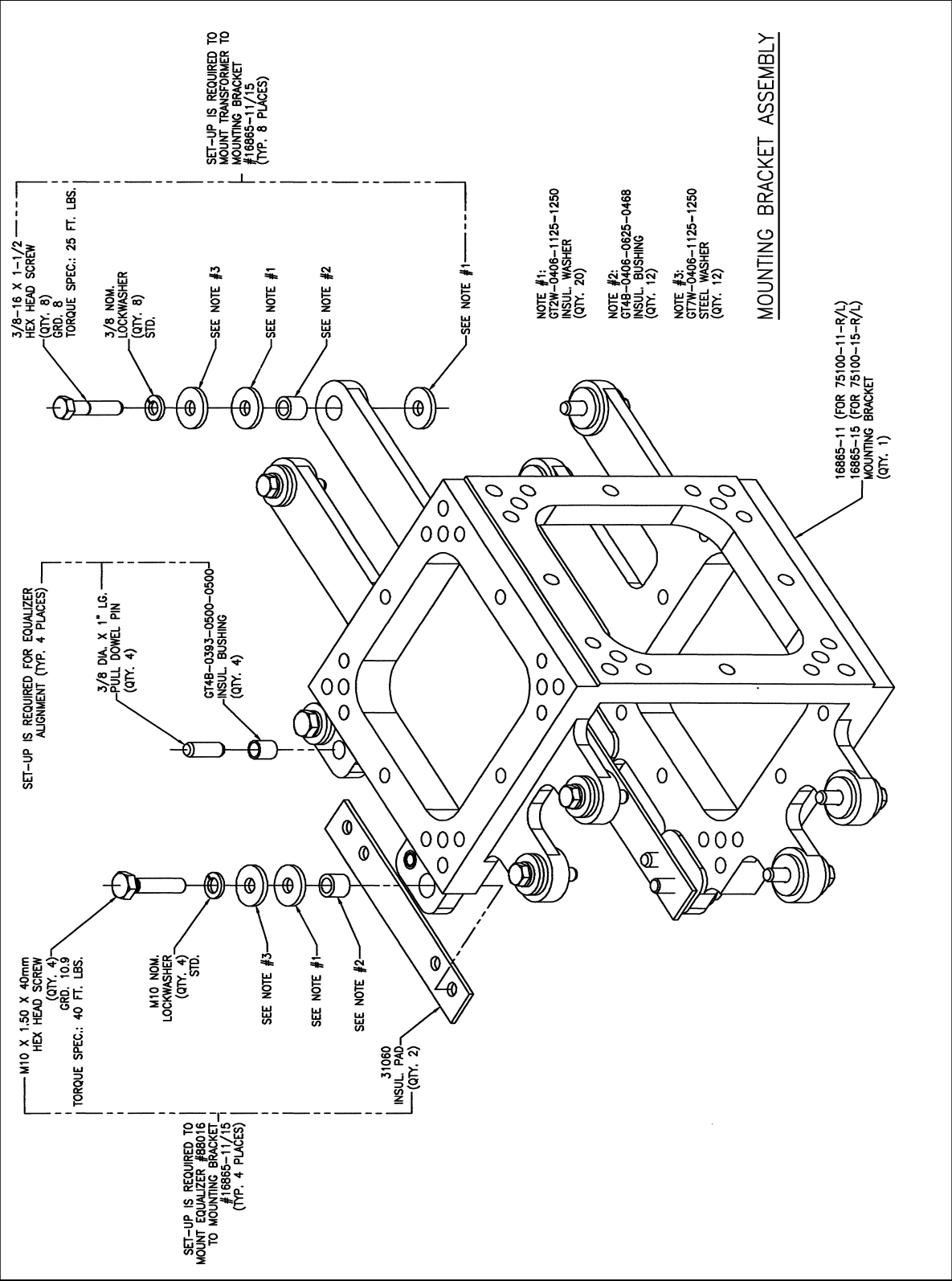
## SECTION 7: 75100-XX





GROSSEF TOOL COMPANY



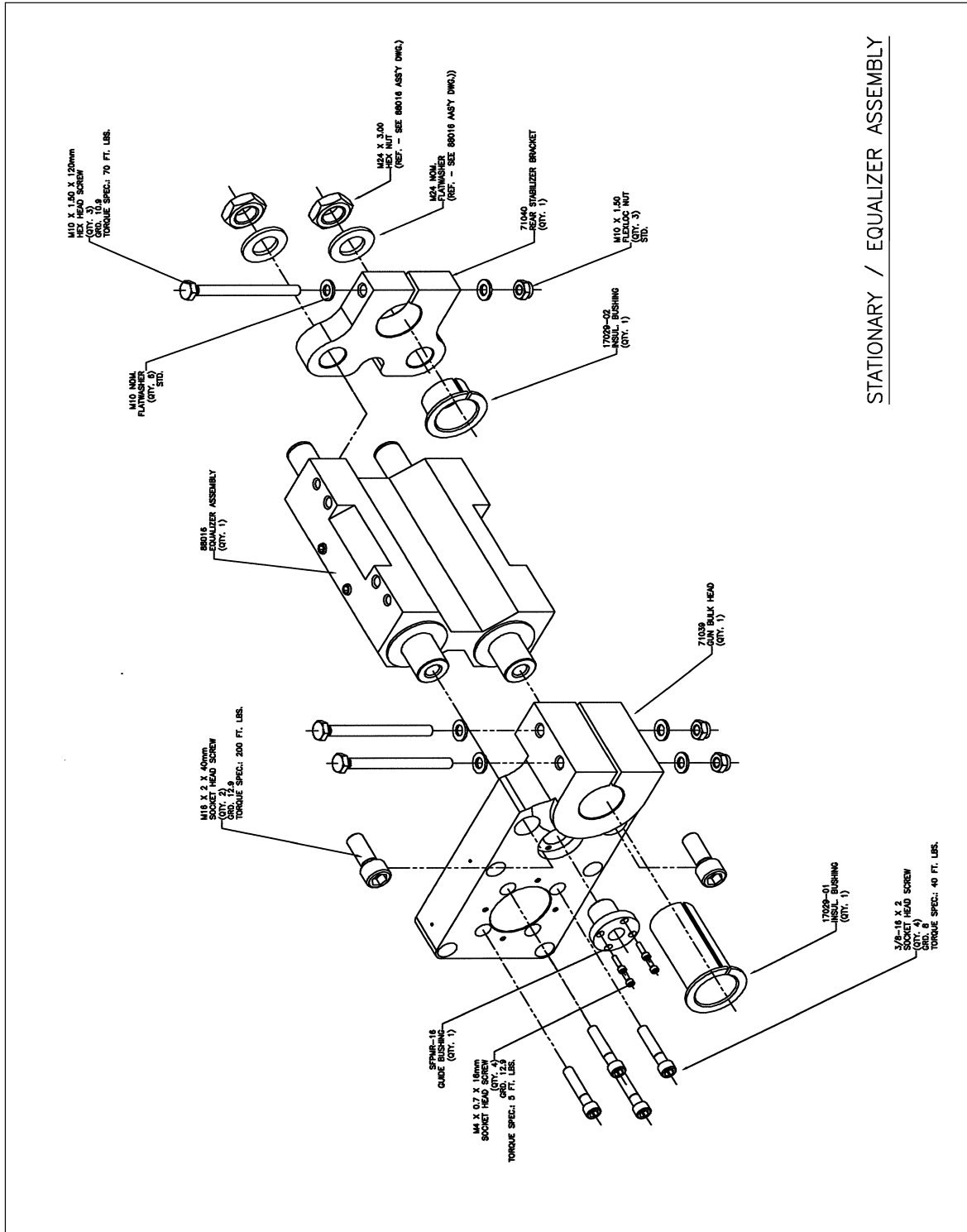


MOUNTING BRACKET ASSEMBLY



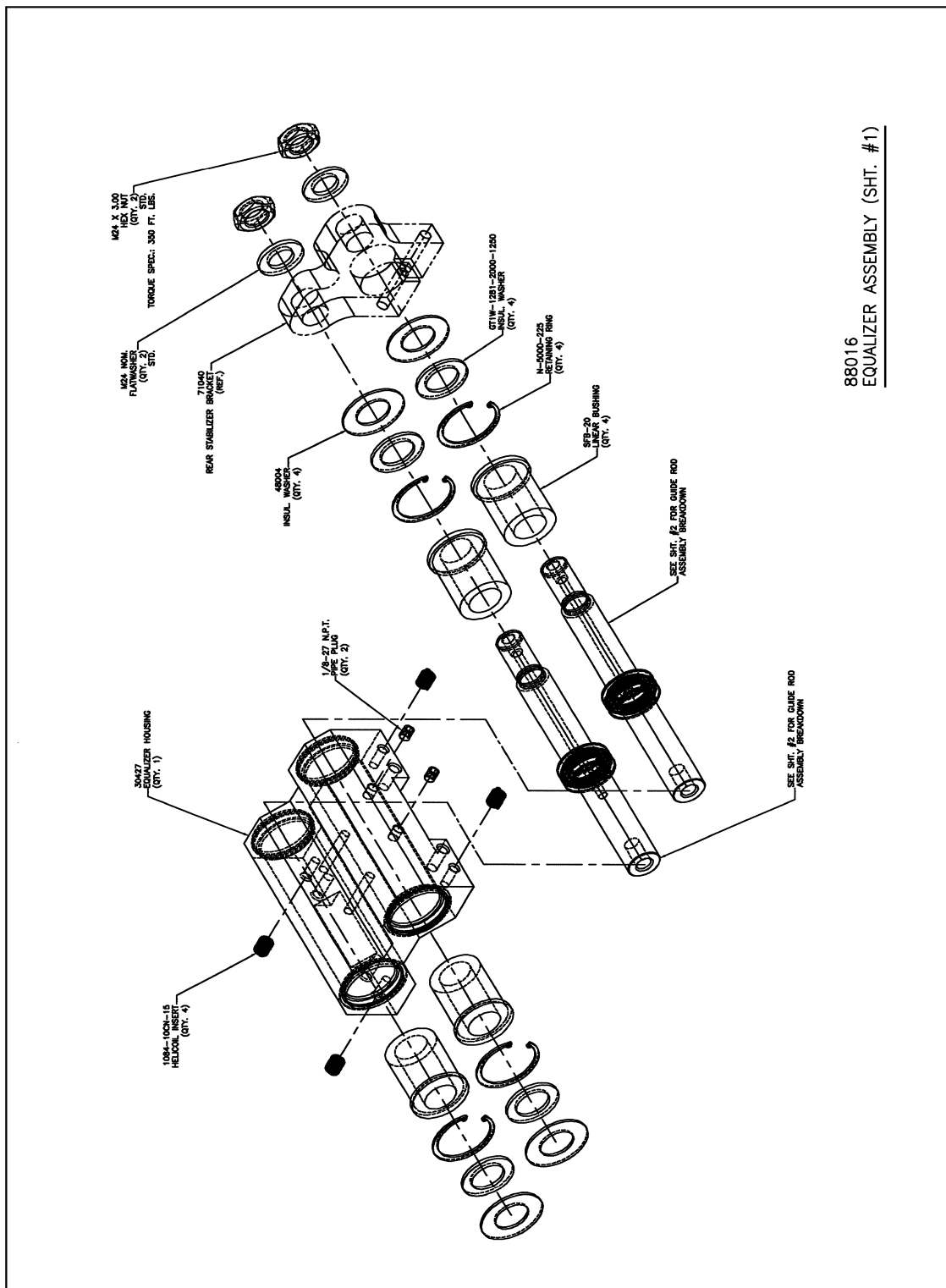
# Grossel Tool Modular Base Gun Assembly MANUAL

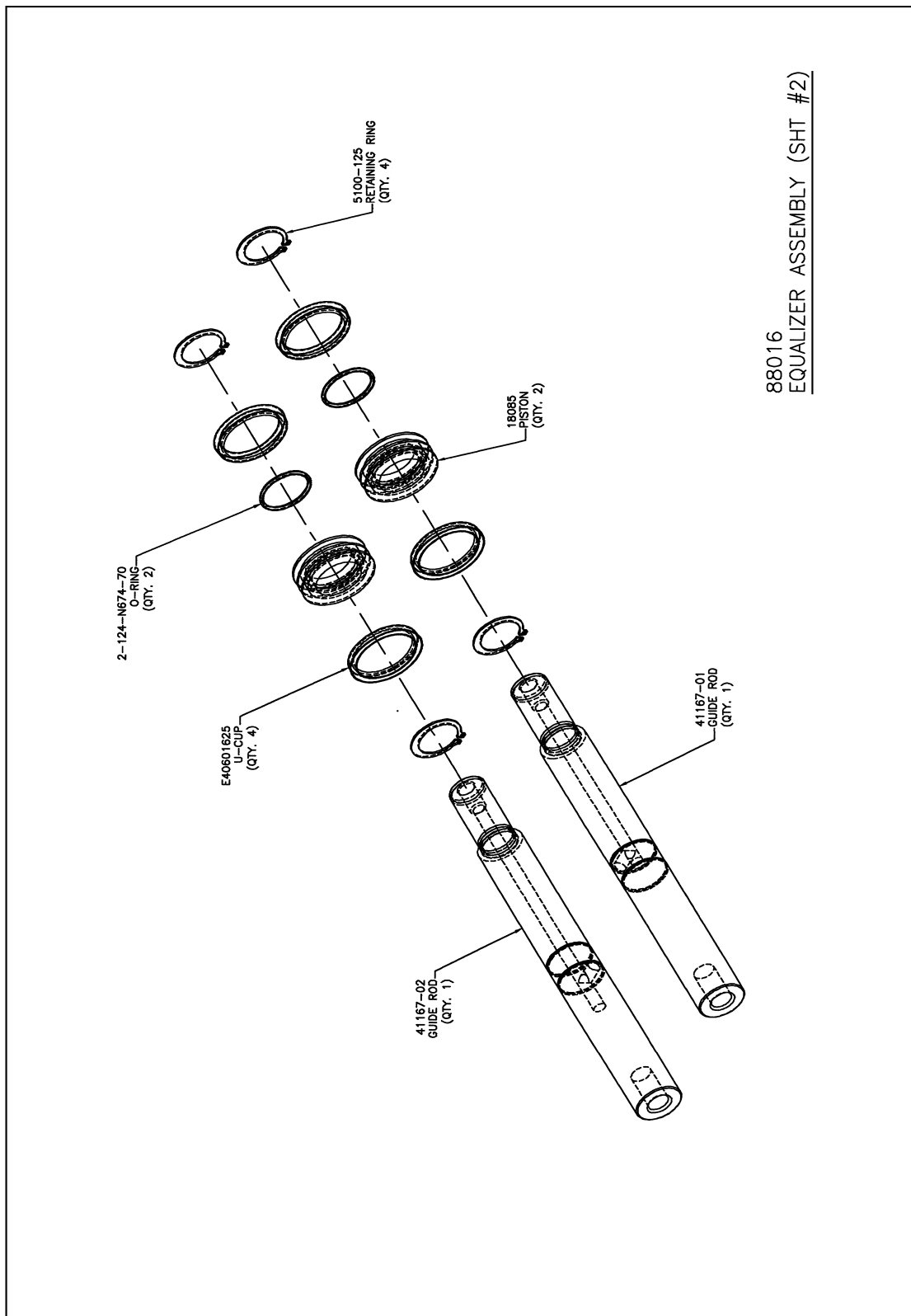
## SECTION 7: 75100-XX



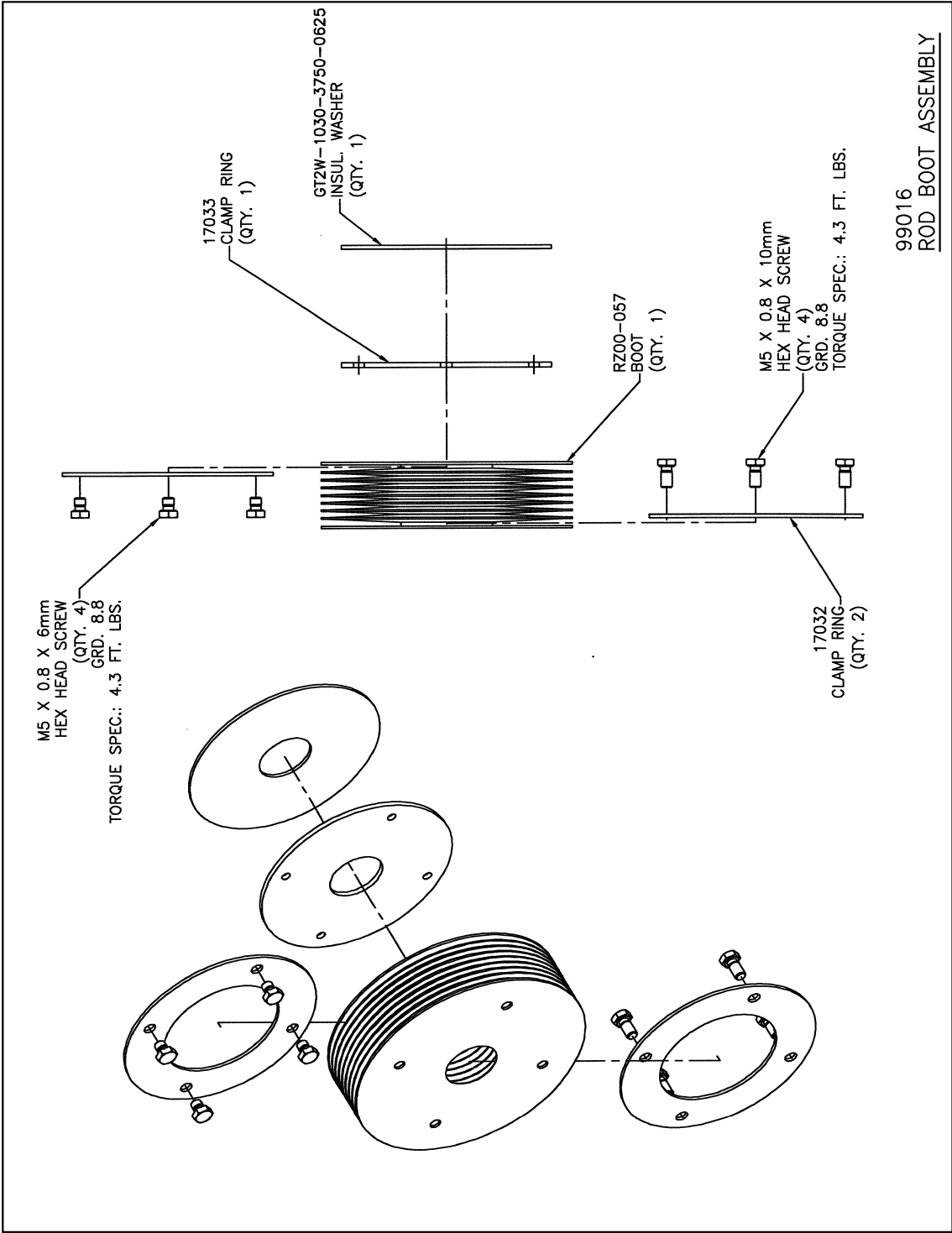
STATIONARY / EQUALIZER ASSEMBLY







GROSSEL TOOL COMPANY



99016  
ROD BOOT ASSEMBLY

## **Section 8**

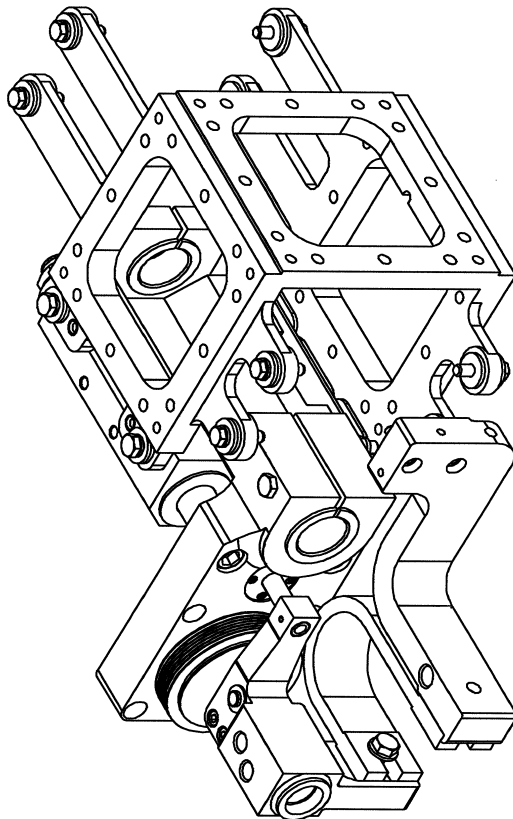
**75103-xx**

**C Type Base Gun**



## **75103 Print List**

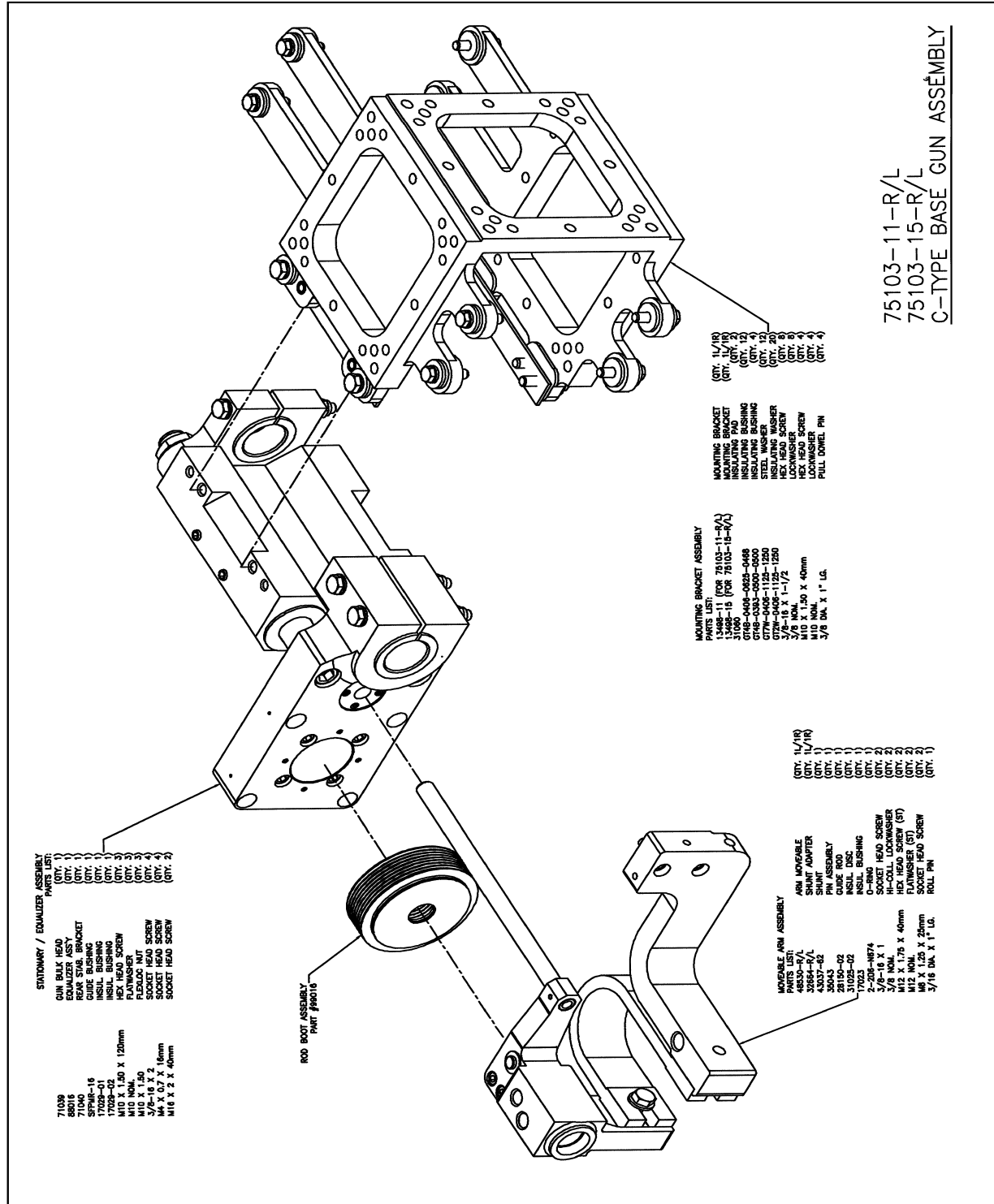
| <u>Print</u>                           | <u>Page</u> |
|----------------------------------------|-------------|
| 1. C-Type Base Gun Assembly-Cover..... | 8-3         |
| 2. C-Type Base Gun Assembly.....       | 8-4         |
| 3. Moveable Arm Assembly.....          | 8-5         |
| 4. 35043 Pin Assembly.....             | 8-6         |
| 5. Mounting Bracket Assembly.....      | 8-7         |
| 6. Stationary Equalizer Assembly.....  | 8-8         |
| 7. 88016 Equalizer Assembly Sht-1..... | 8-9         |
| 8. 88016 Equalizer Assembly Sht-2..... | 8-10        |
| 9. 99016 Rod Boot Assembly.....        | 8-11        |

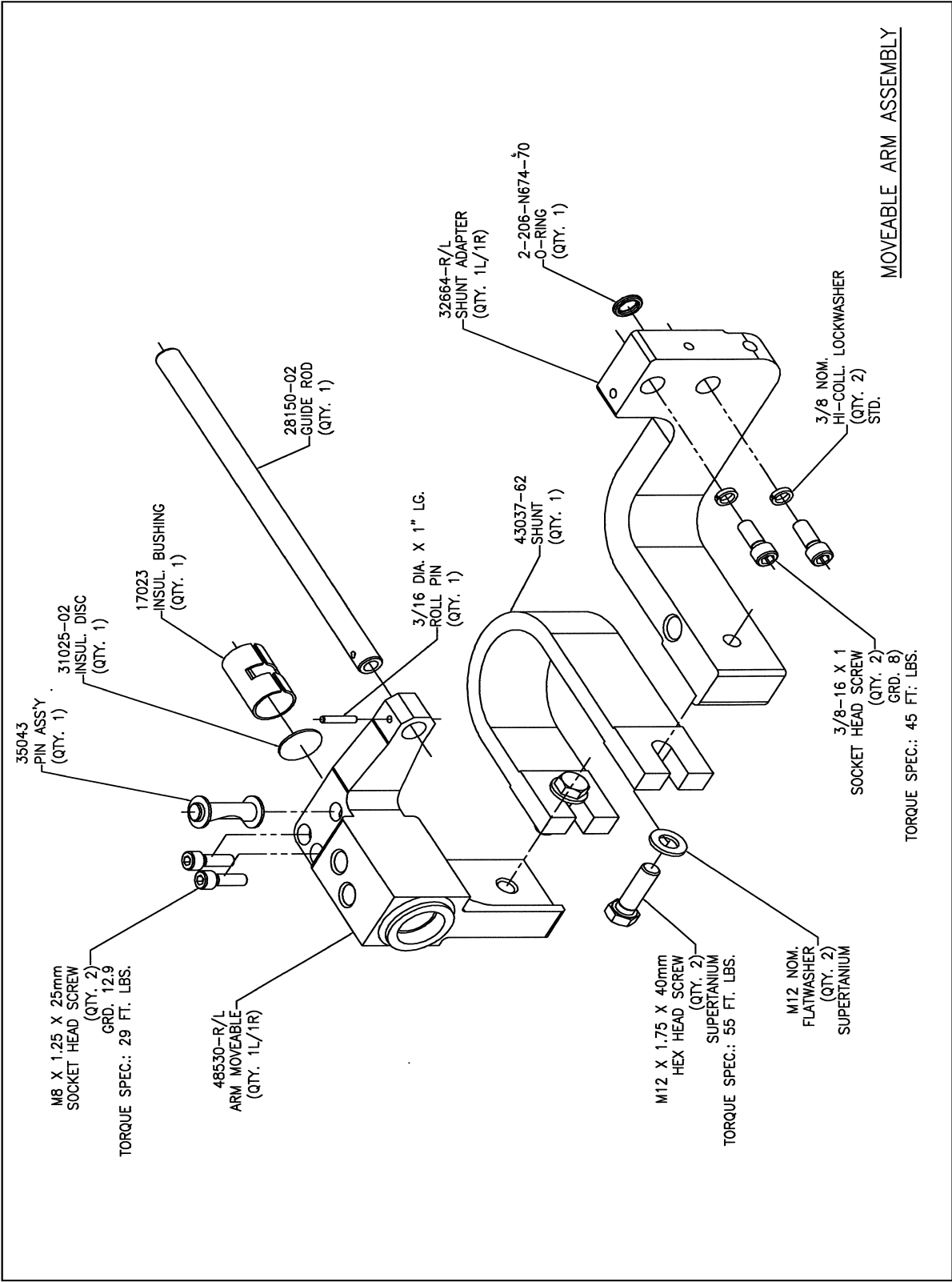


GROSSEL TOOL CO.  
C-TYPE / ROBOT STYLE  
BASE GUN ASSEMBLY  
"75103-11" & 75103-15"

# Grossel Tool Modular Base Gun Assembly MANUAL

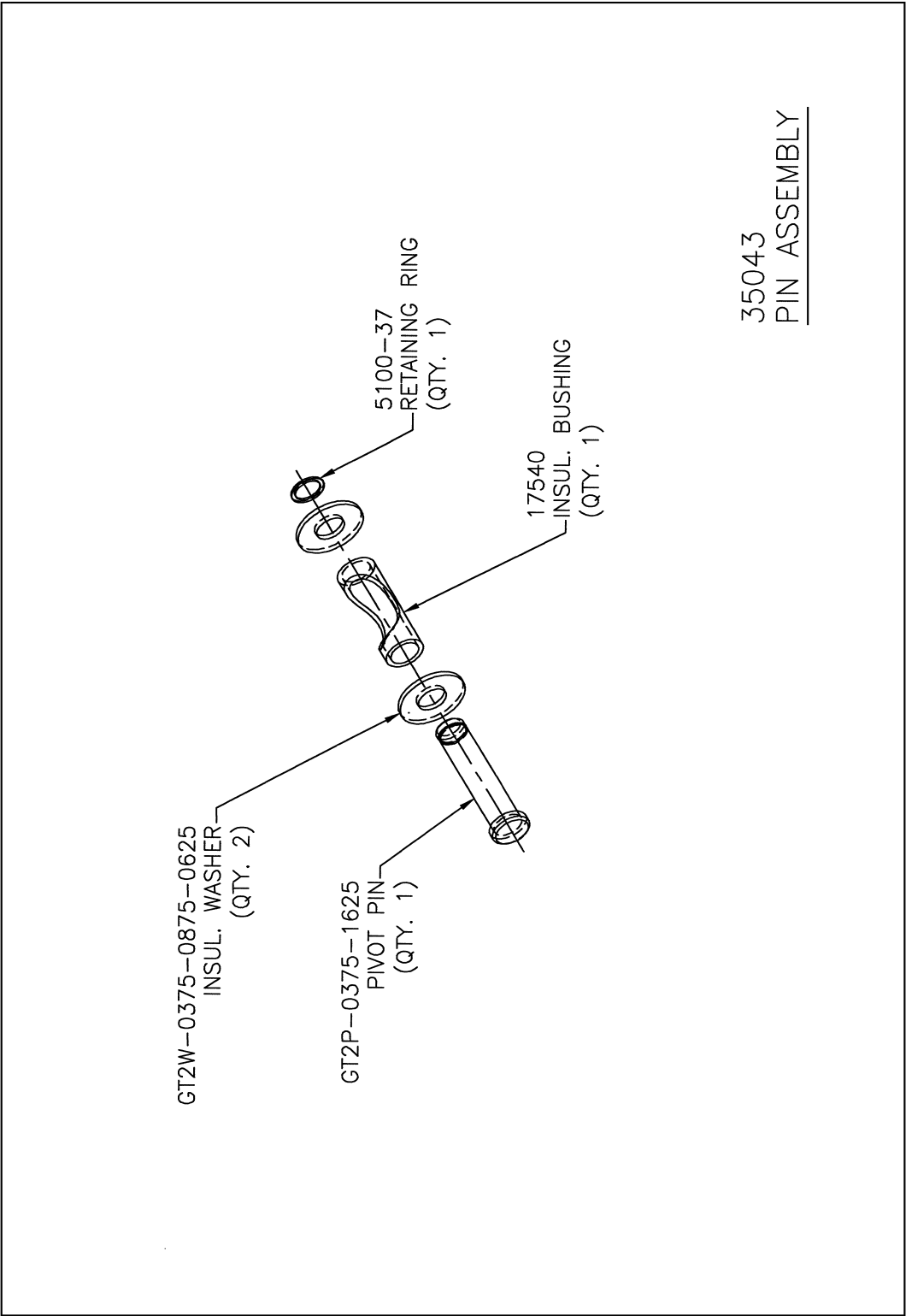
## SECTION 8: 75103-XX

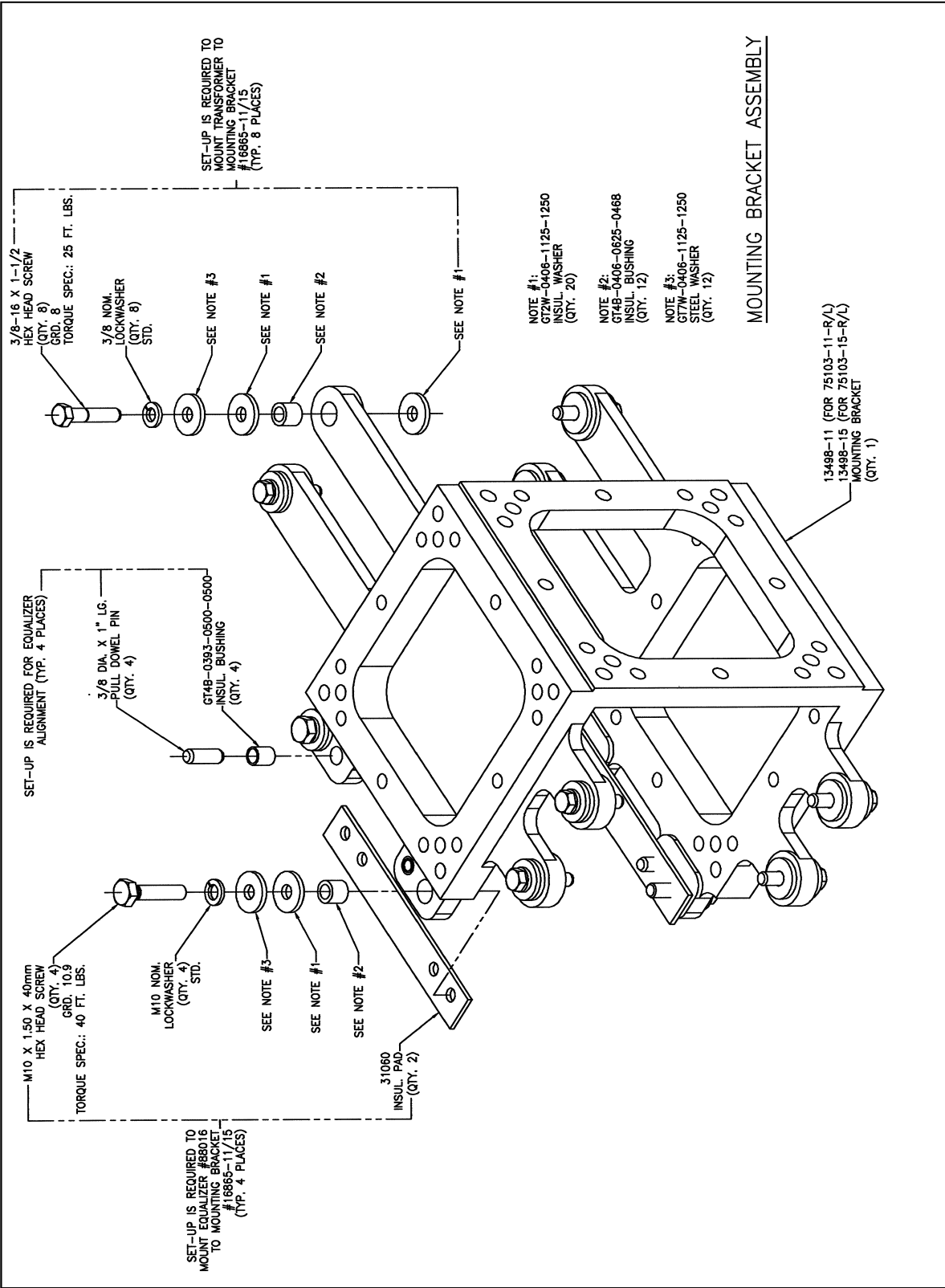






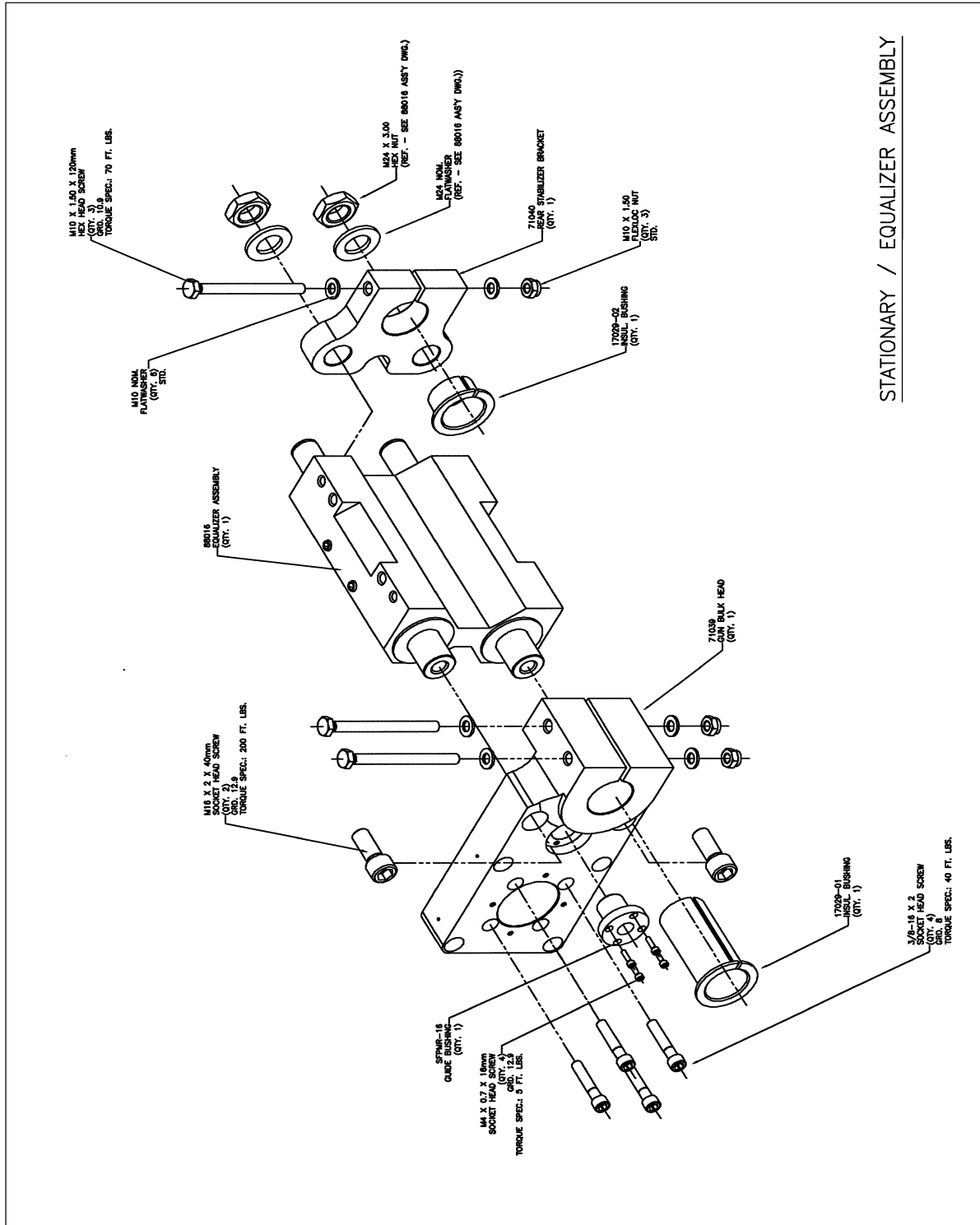
GROSSEFI TOOL COMPANY





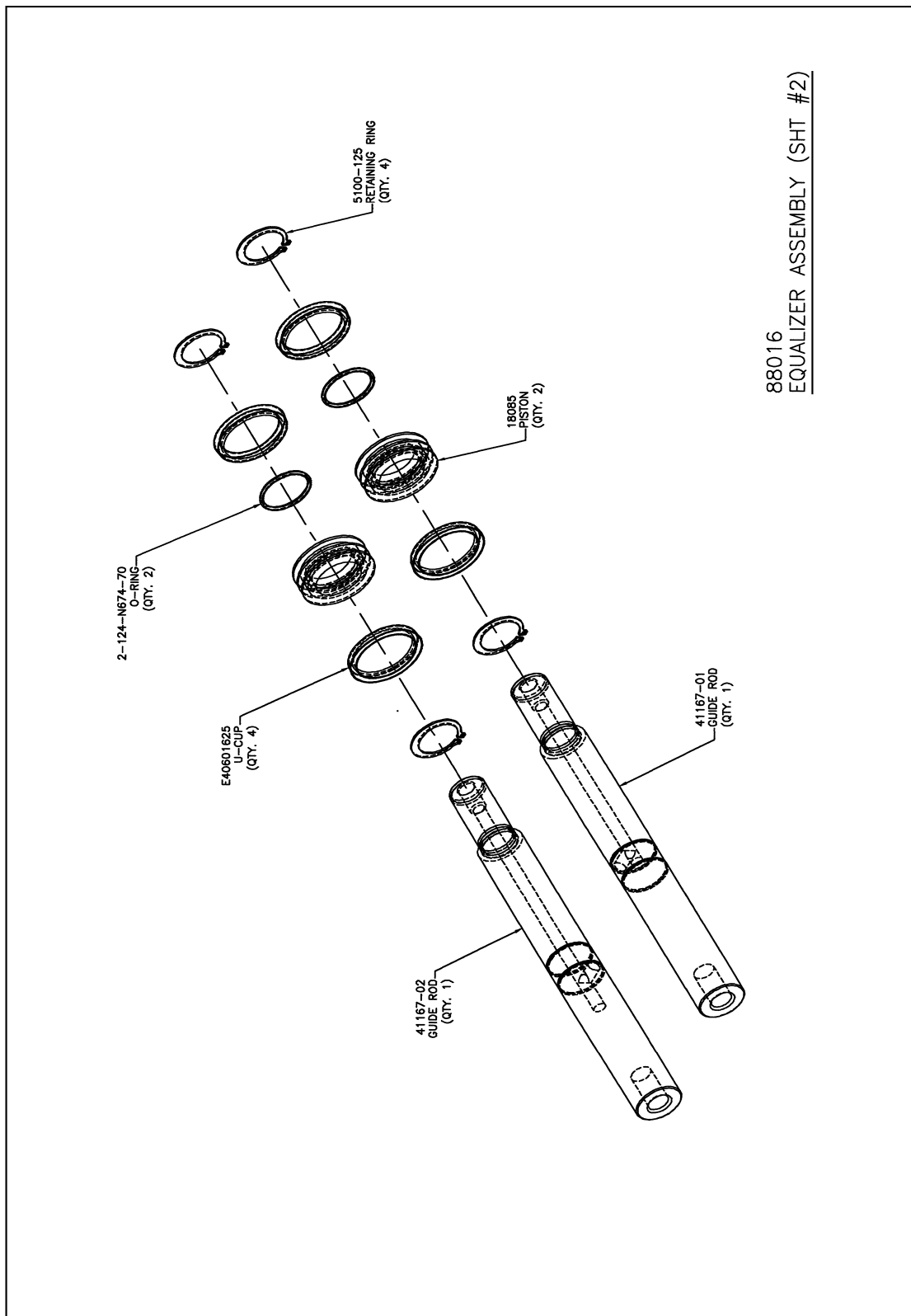
# Grossel Tool Modular Base Gun Assembly MANUAL

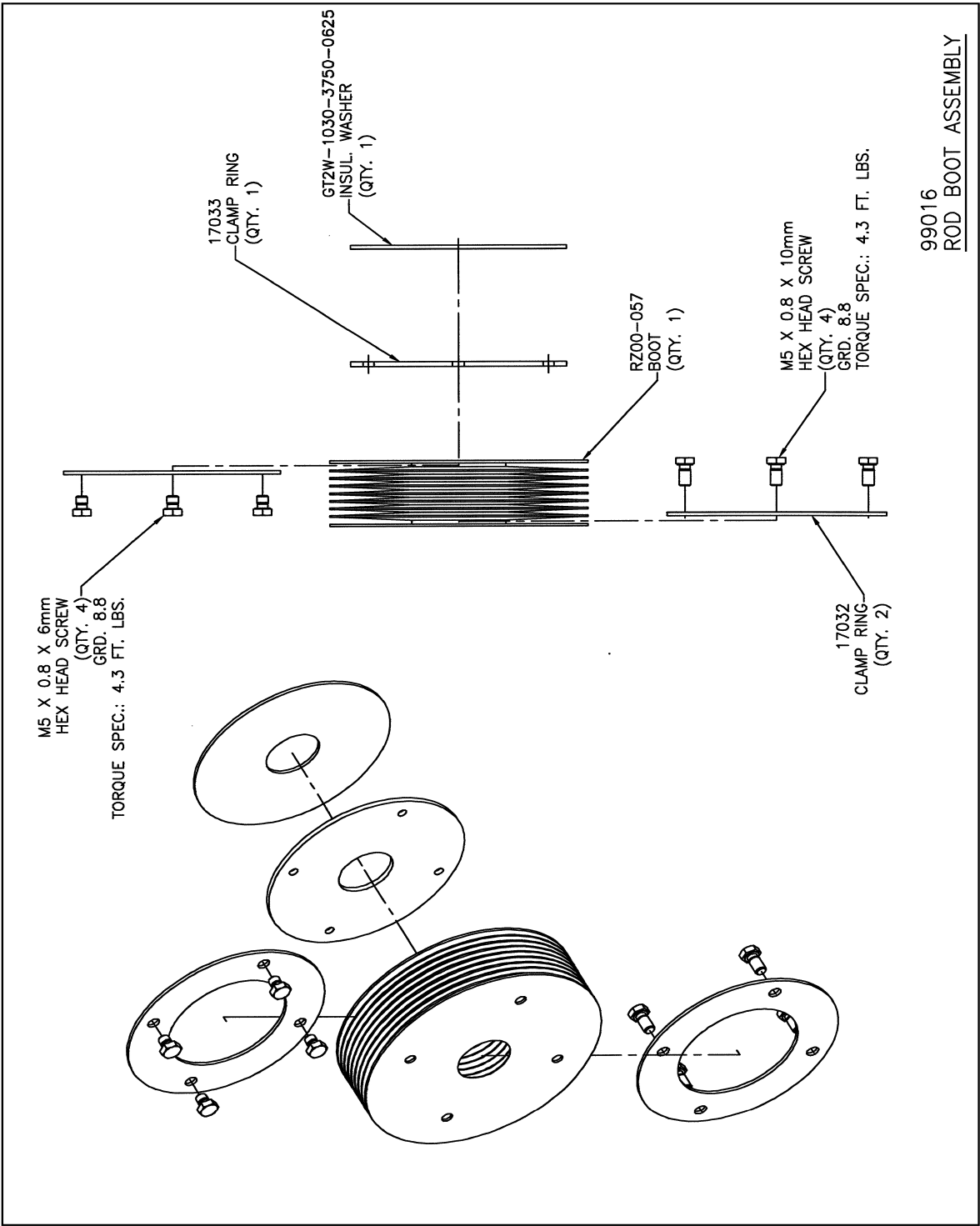
## SECTION 8: 75103-XX



STATIONARY / EQUALIZER ASSEMBLY







GROSSEL TOOL COMPANY

99016  
ROD BOOT ASSEMBLY

## **Section 9**

**75108-xx**

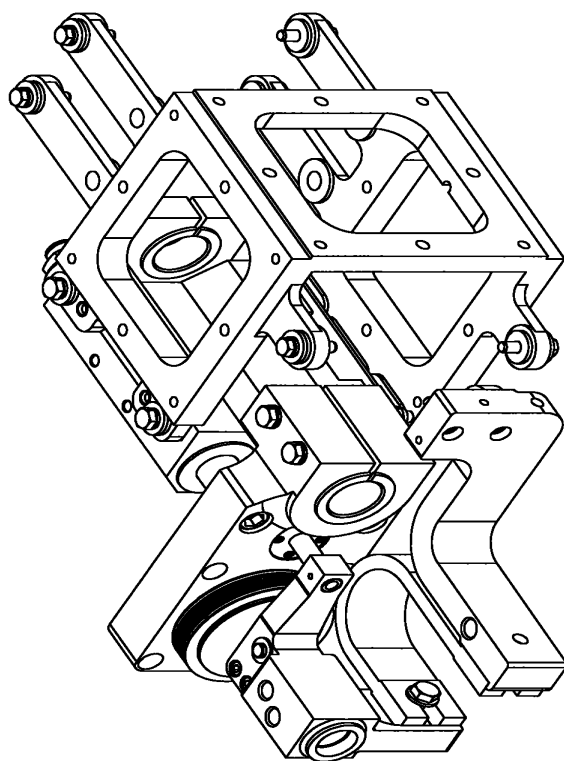
**C-Type / Robot Style  
Base Gun**



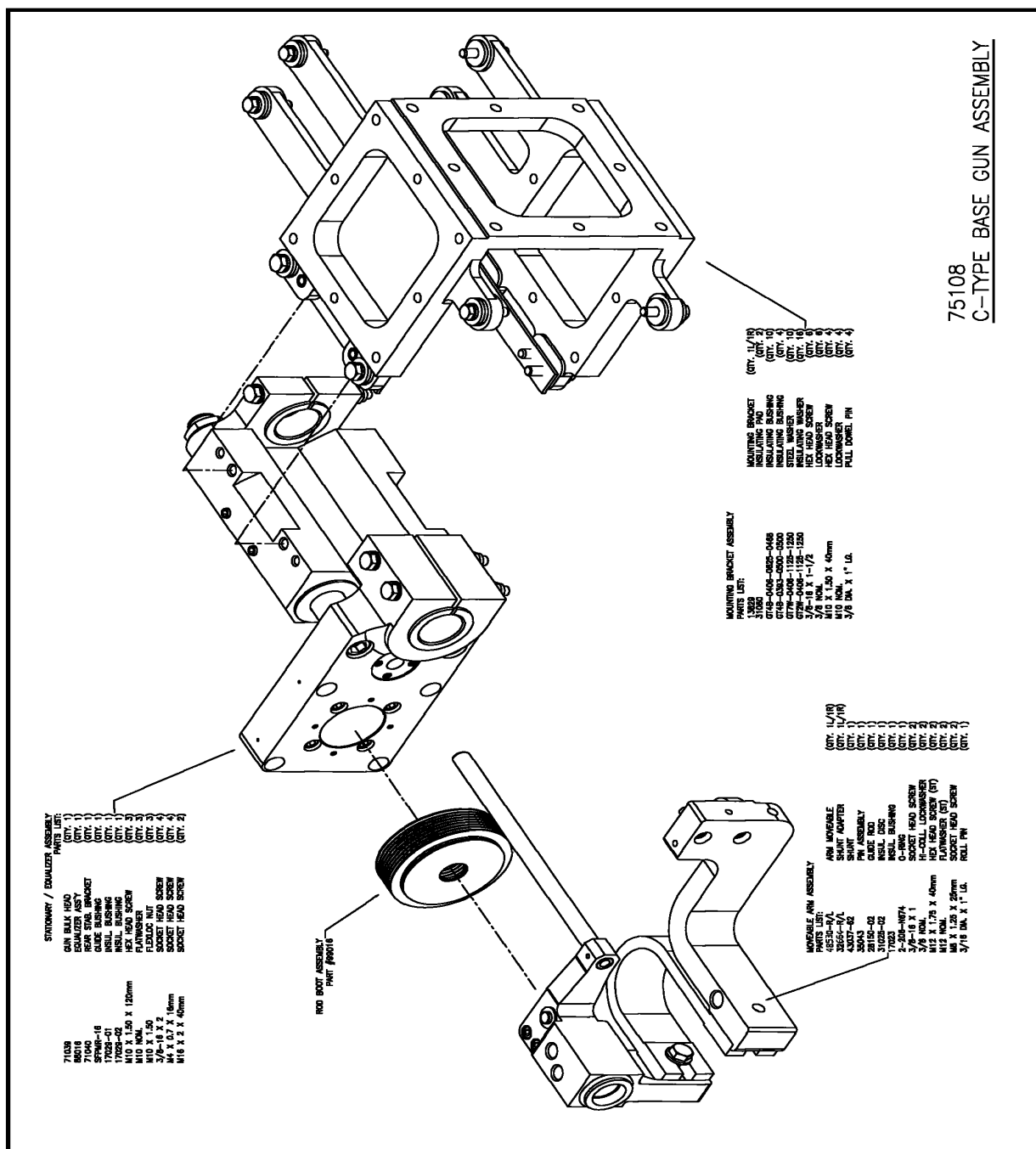
## **75108 Print List**

| <b><u>Print</u></b>                        | <b><u>Page</u></b> |
|--------------------------------------------|--------------------|
| 1. C-type/Robot Style Assembly-Cover ..... | 9-3                |
| 2. C-type Base Gun Assembly.....           | 9-4                |
| 3. Moveable Arm Assembly.....              | 9-5                |
| 4. 35043 Pin Assembly .....                | 9-6                |
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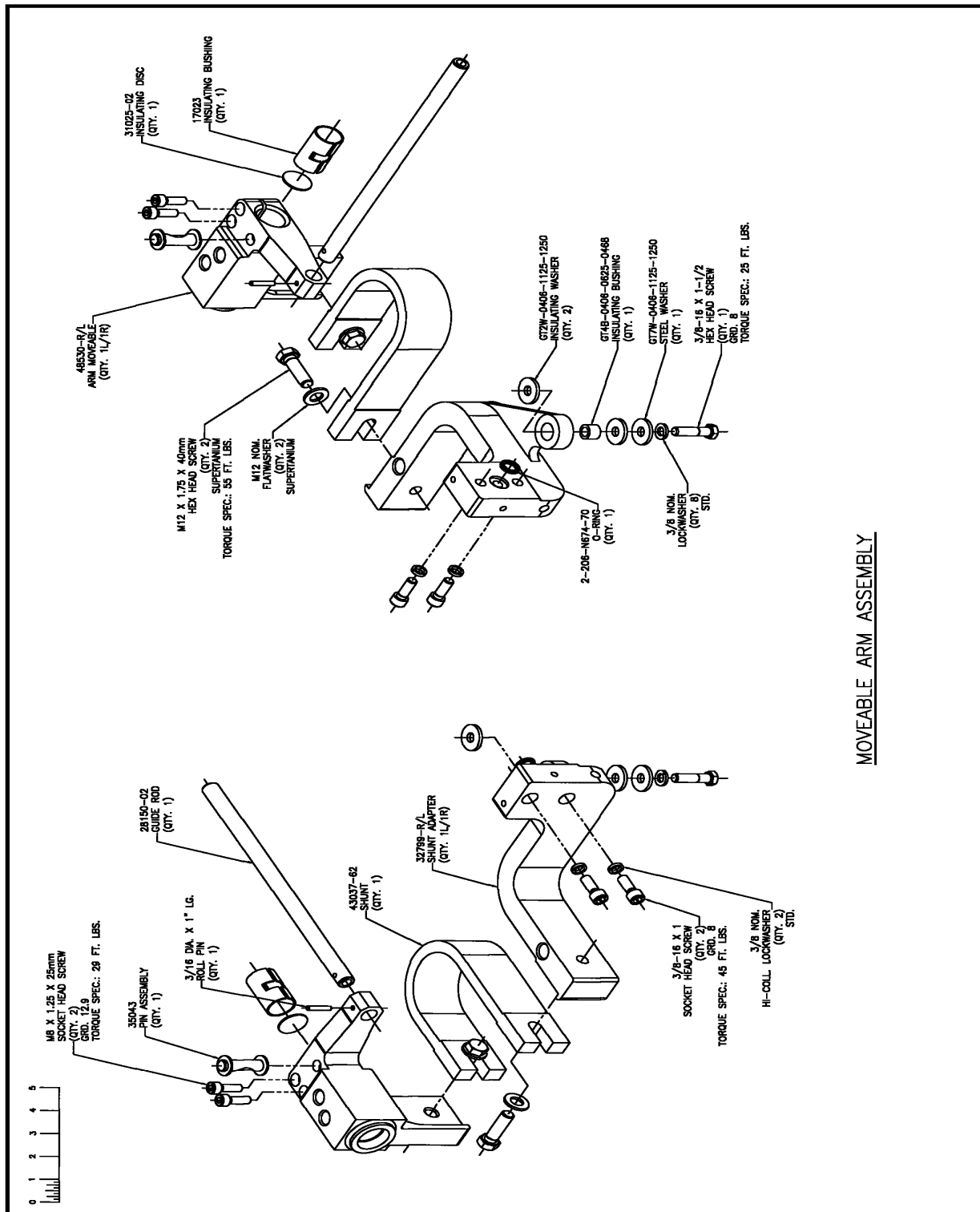


GROSSEL TOOL CO.  
C-TYPE / ROBOT STYLE  
BASE GUN ASSEMBLY  
"75108"

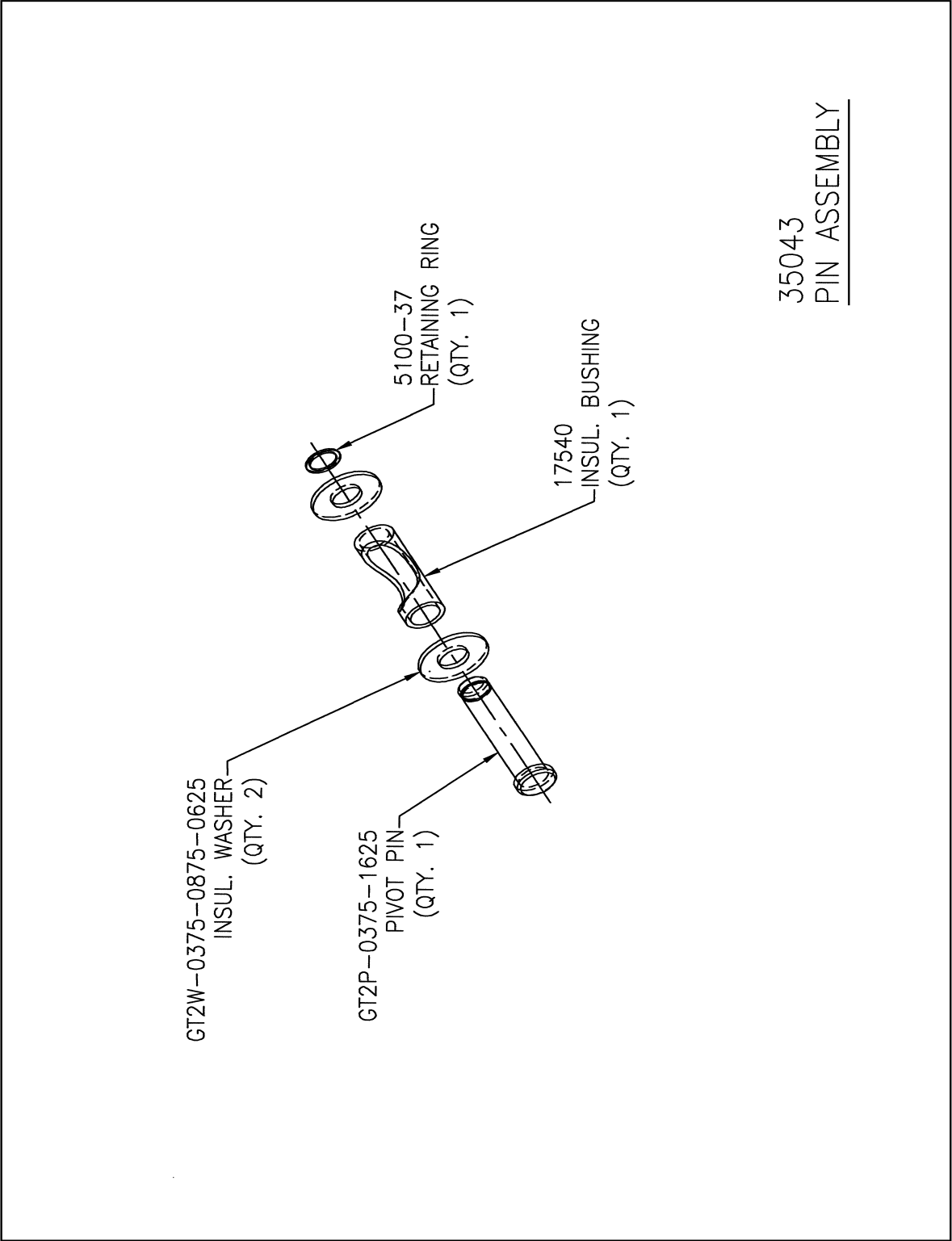


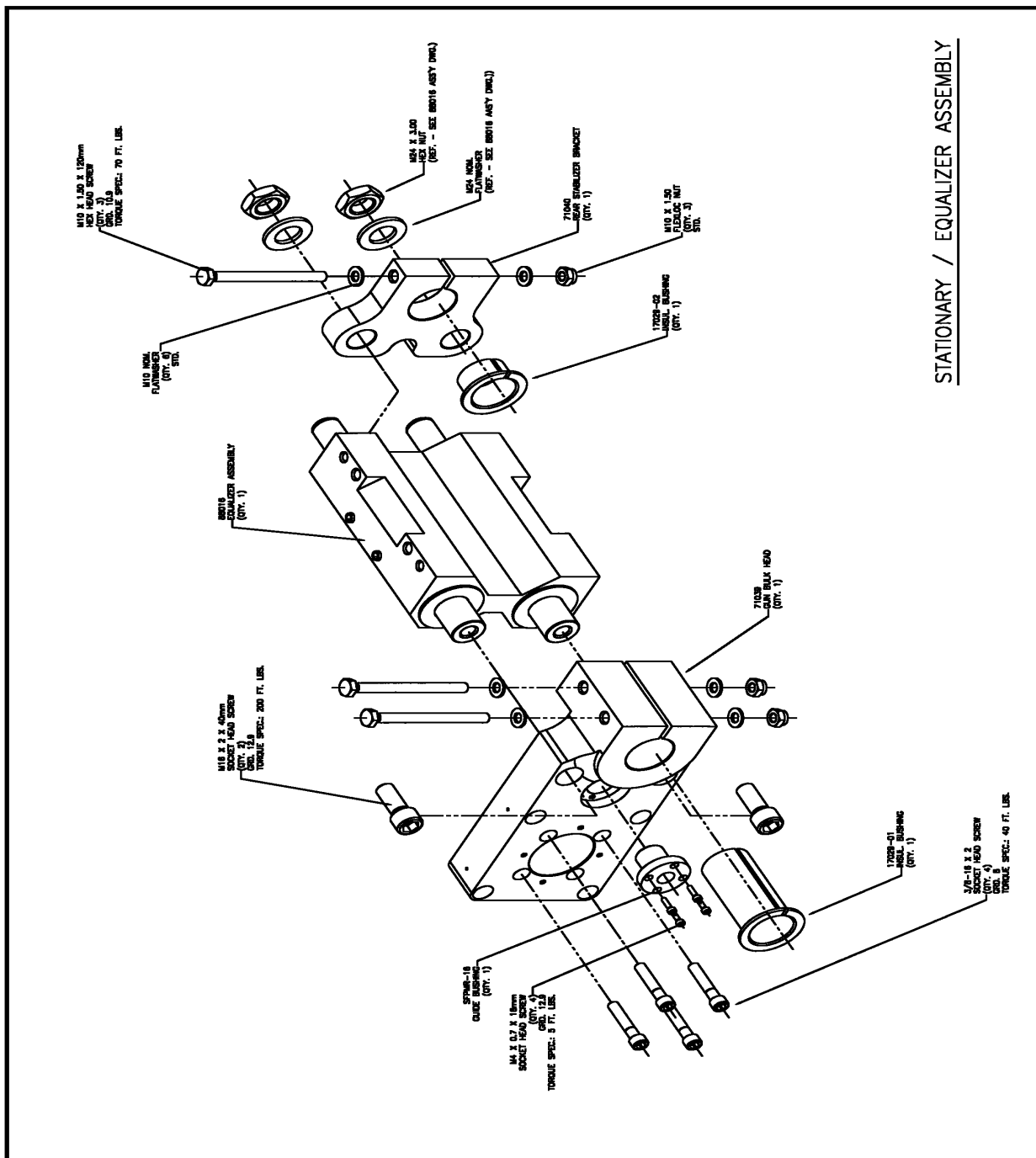
# Grossel Tool Modular Base Gun Assembly MANUAL

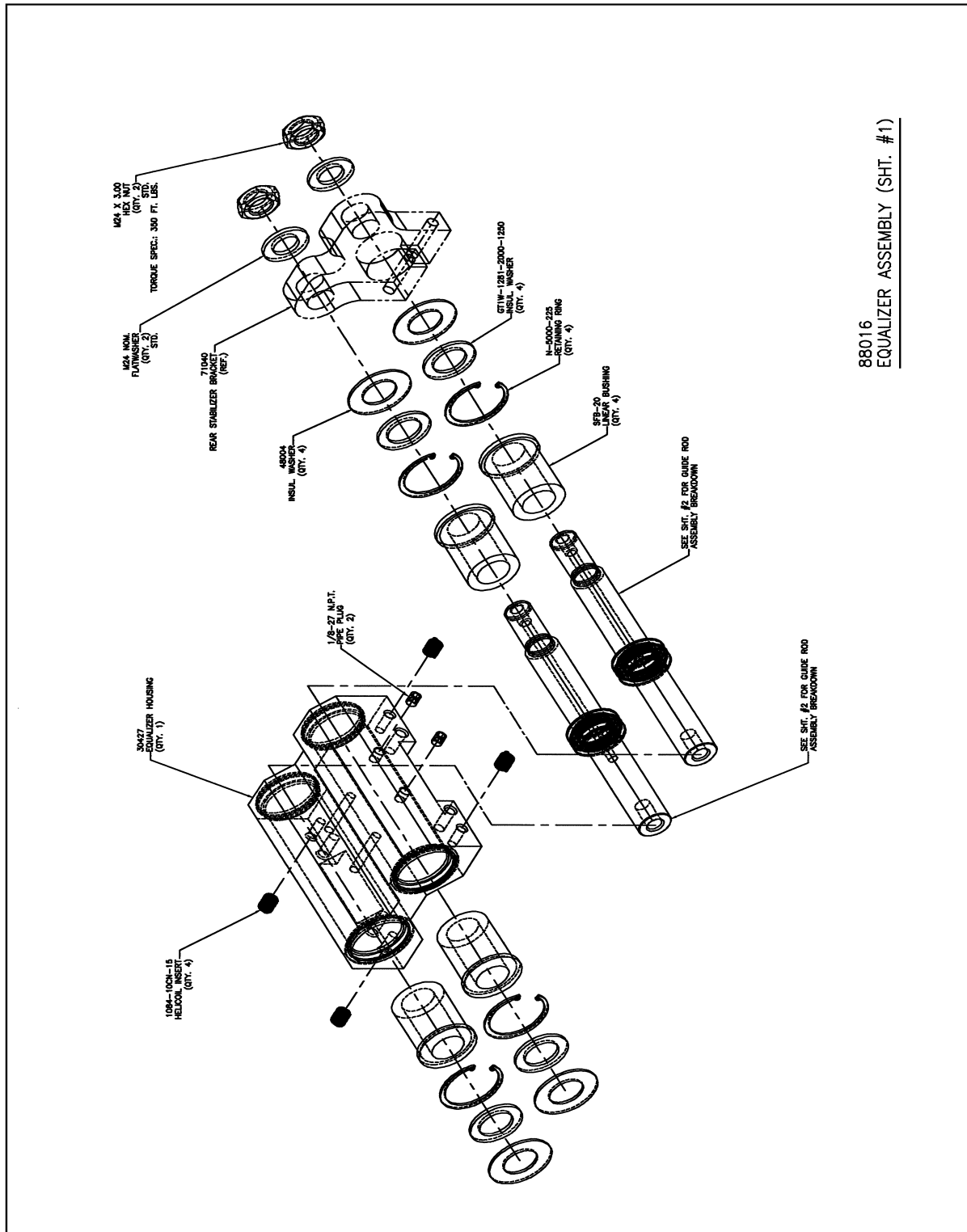
## SECTION 9: 75108-XX



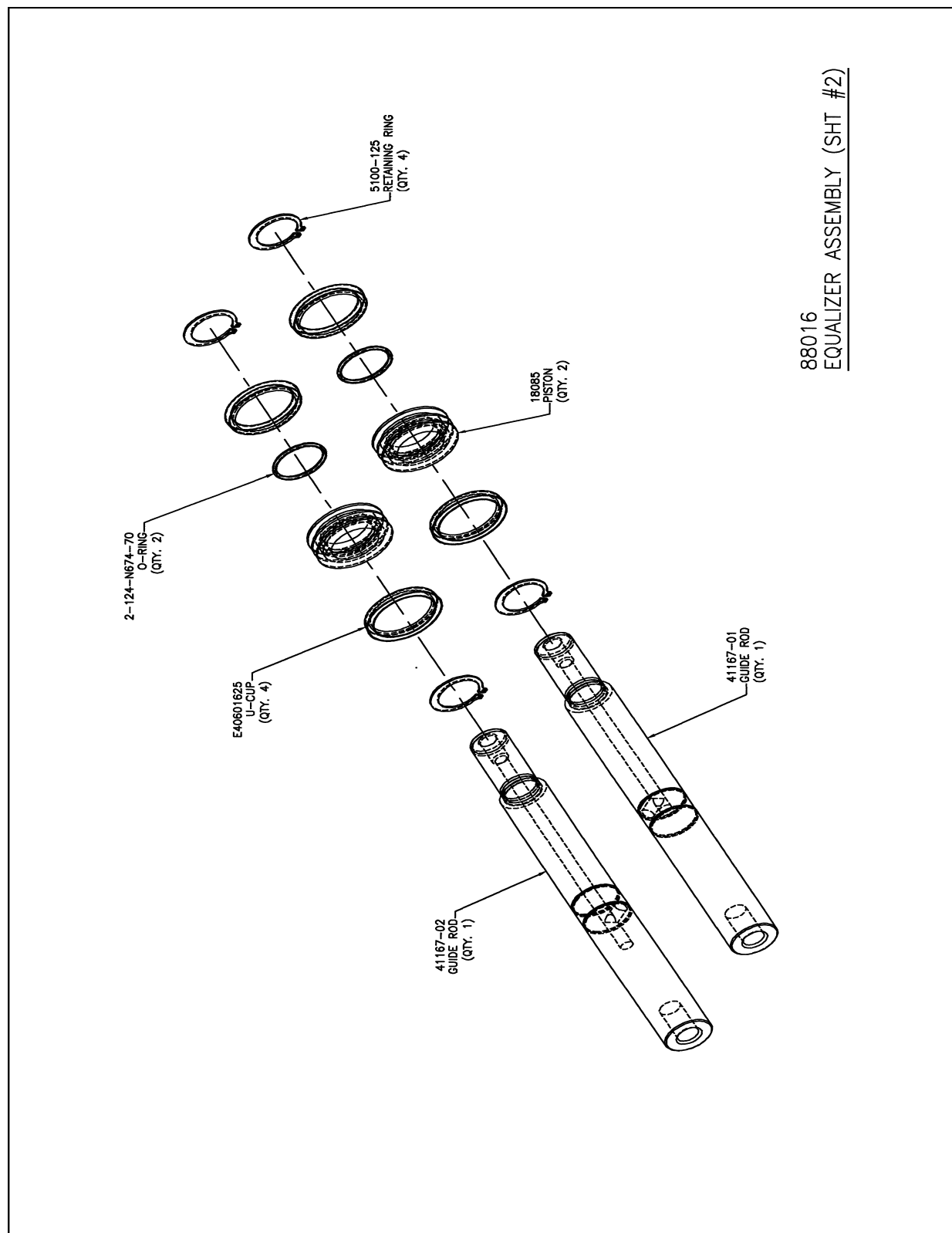
GROSSEF TOOL COMPANY







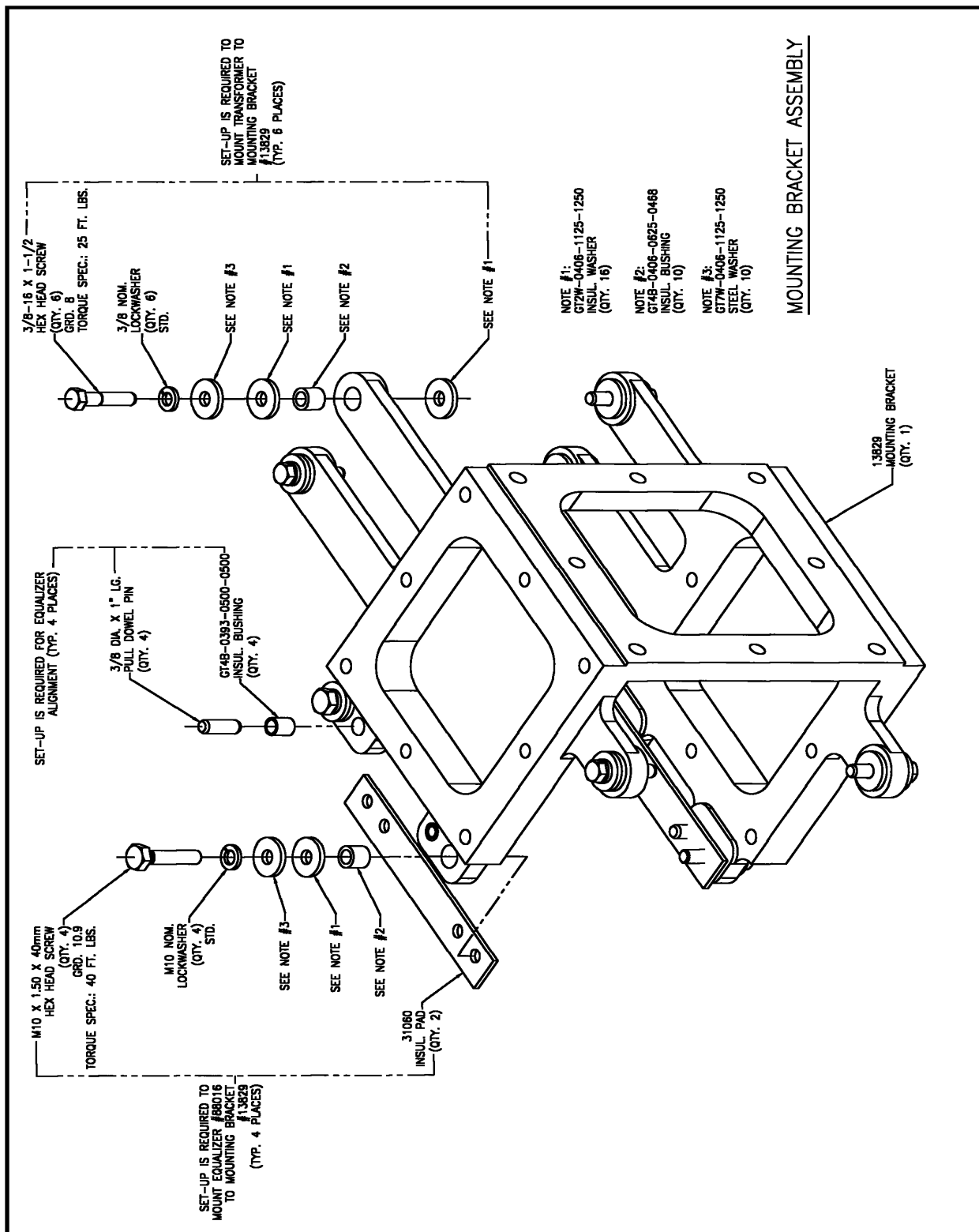
88016  
EQUALIZER ASSEMBLY (SHT. #1)



88016  
EQUALIZER ASSEMBLY (SHT #2)

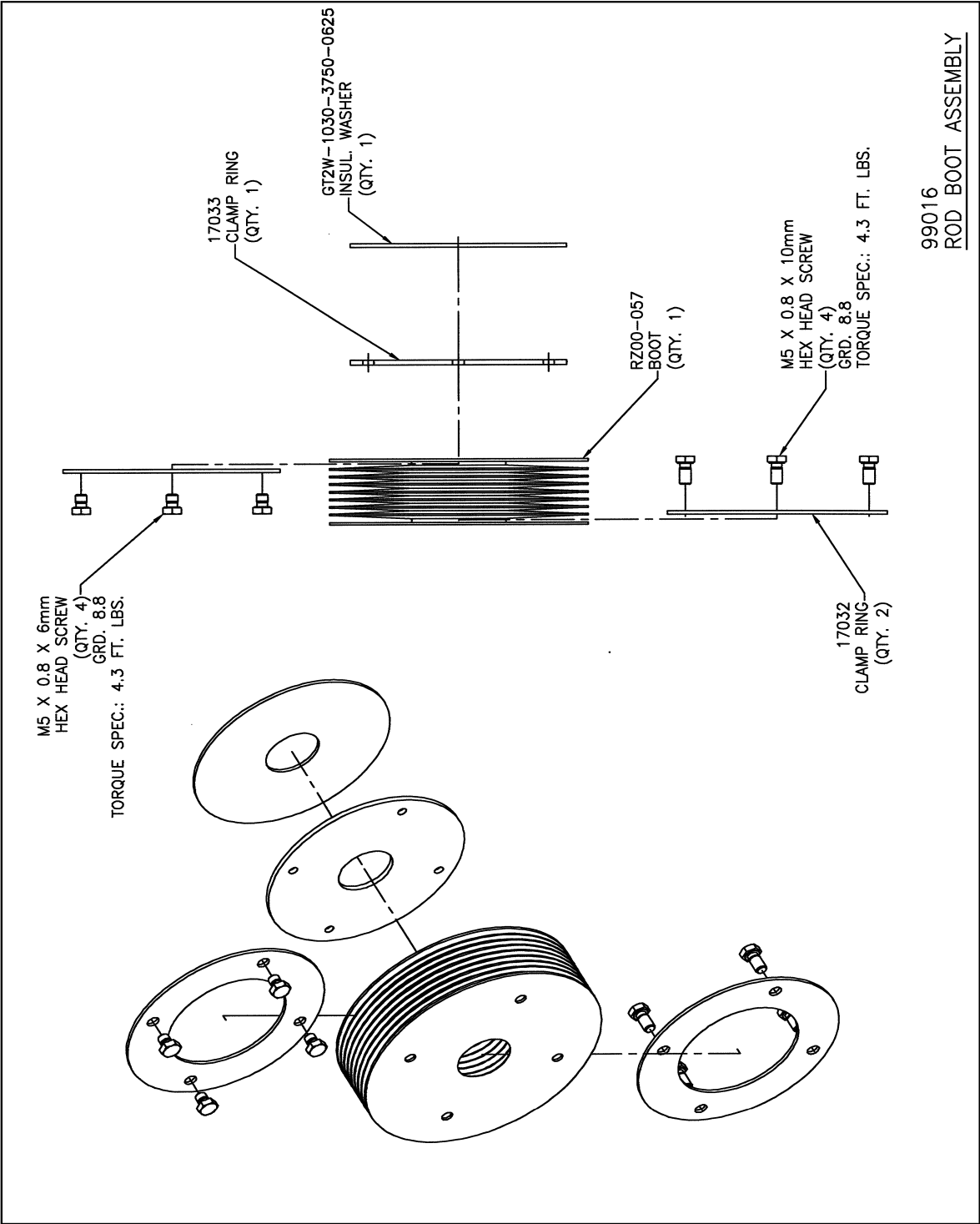
# Grossel Tool Modular Base Gun Assembly MANUAL

## SECTION 9: 75108-XX





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99016  
ROD BOOT ASSEMBLY

## **Section 10**

**75189-xx**

**Pinch Type / Robot Style  
Base Gun**



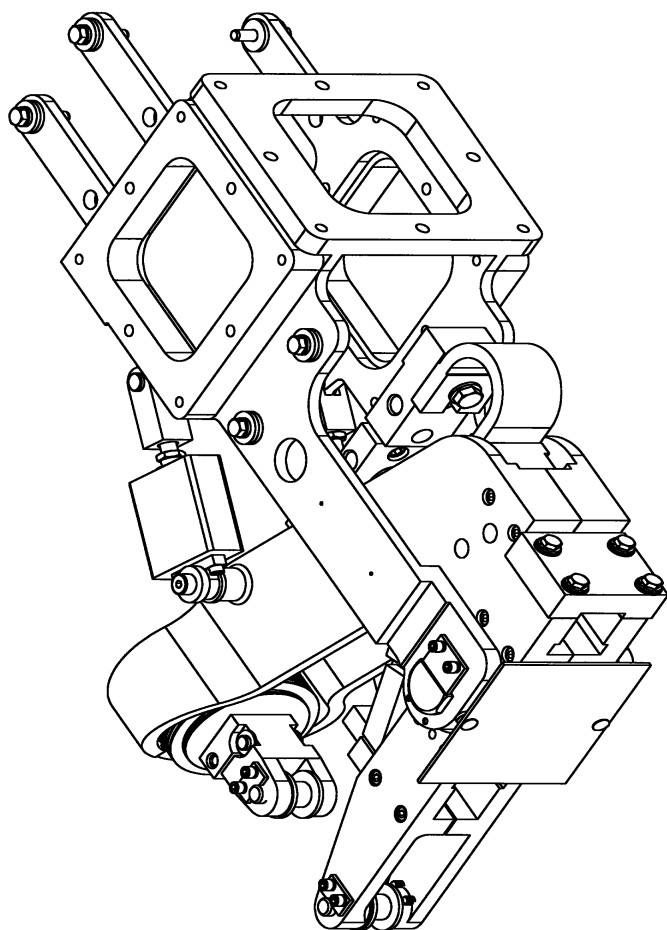
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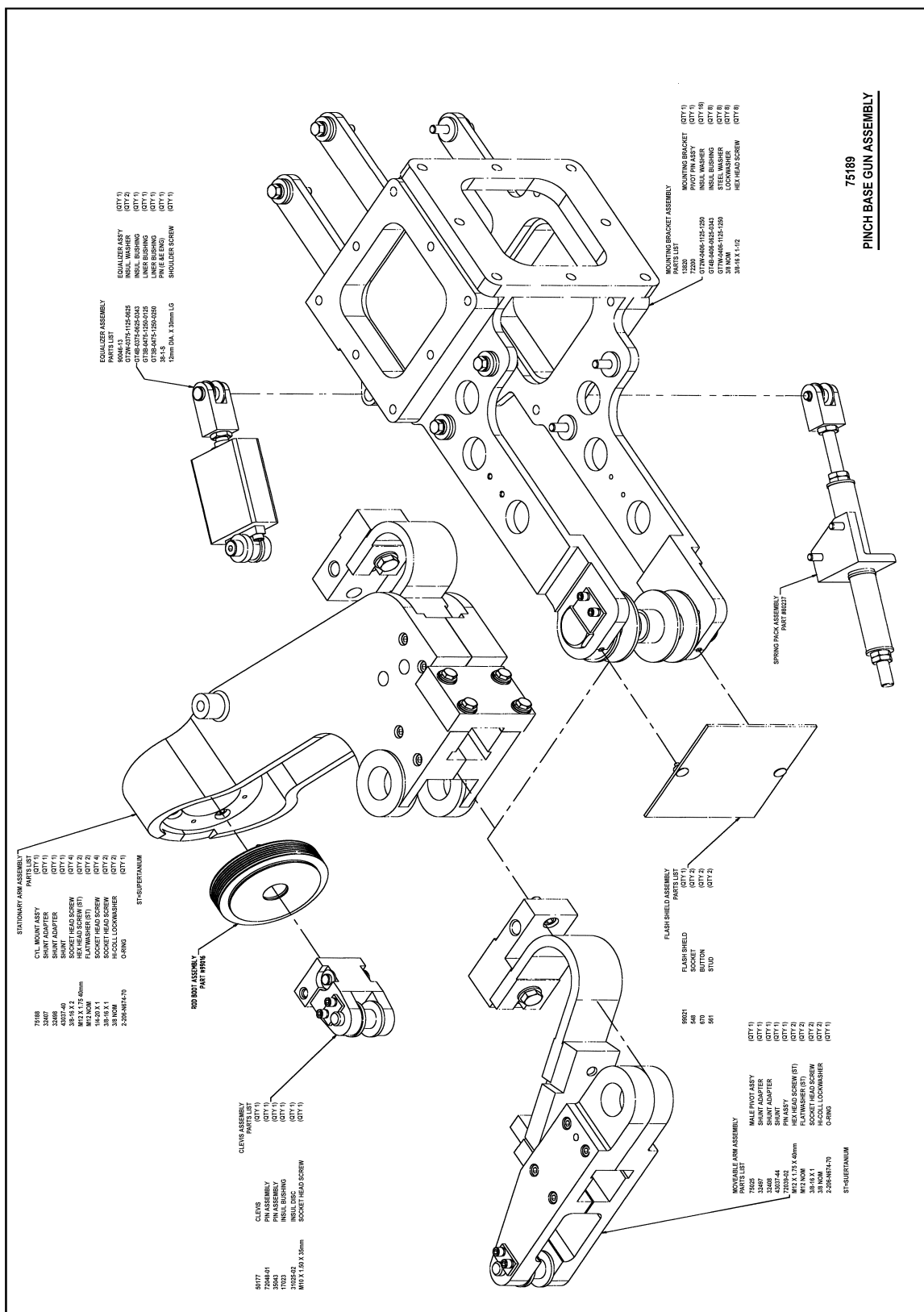


## **75189 Print List (cont)**

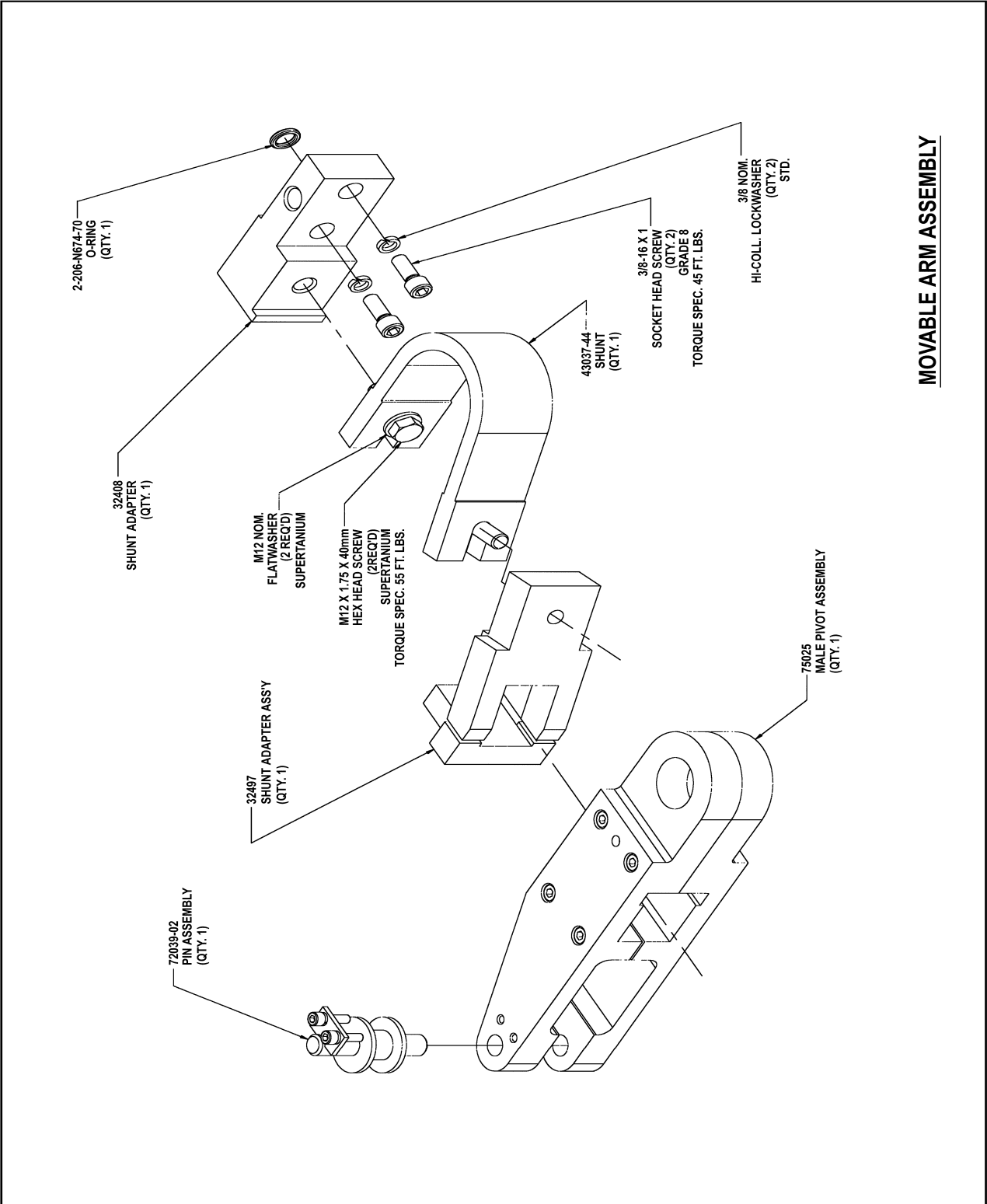
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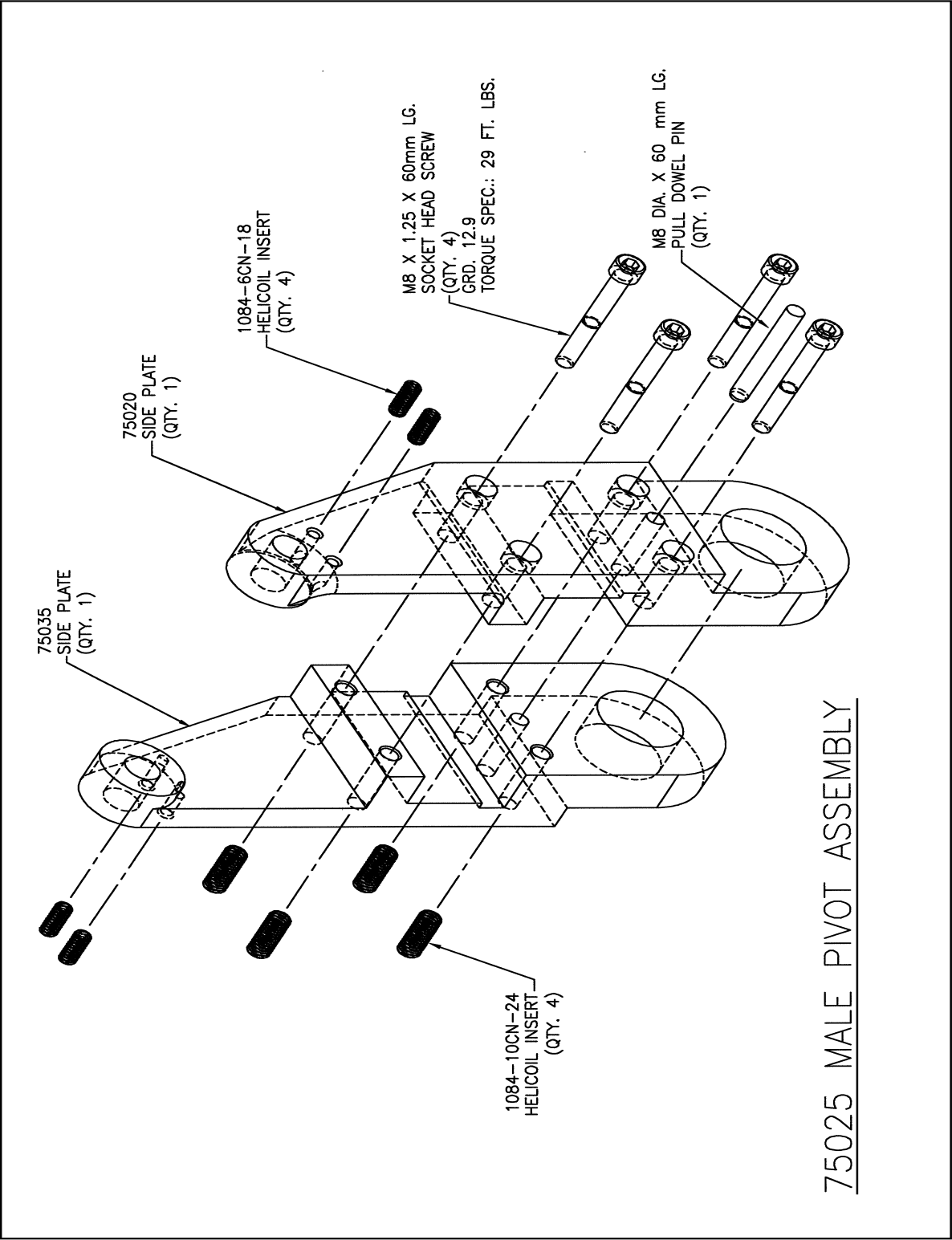


GROSSEL TOOL CO.  
PINCH TYPE / ROBOT STYLE  
BASE GUN ASSEMBLY  
"75189"



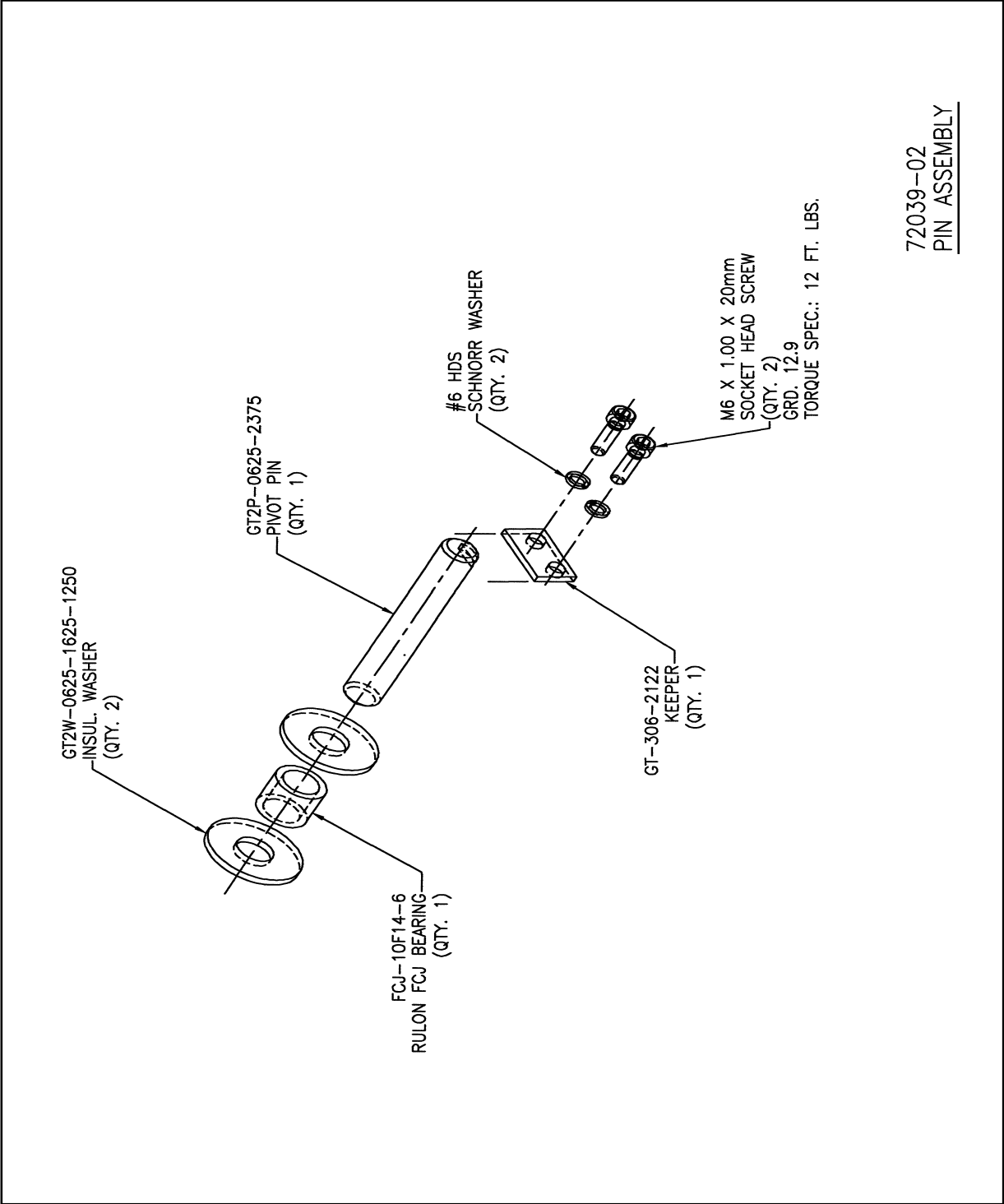
GROSSEL TOOL COMPANY

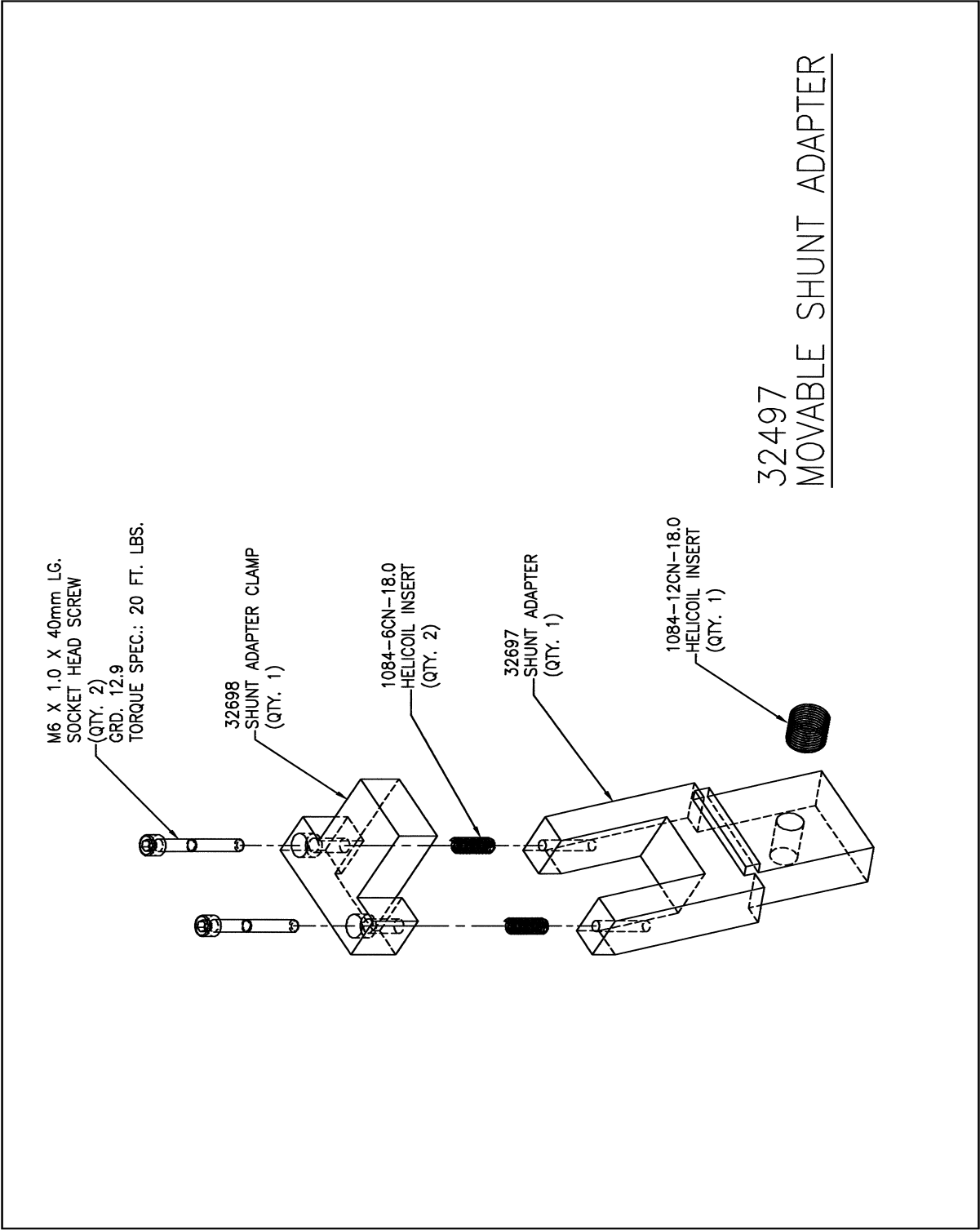


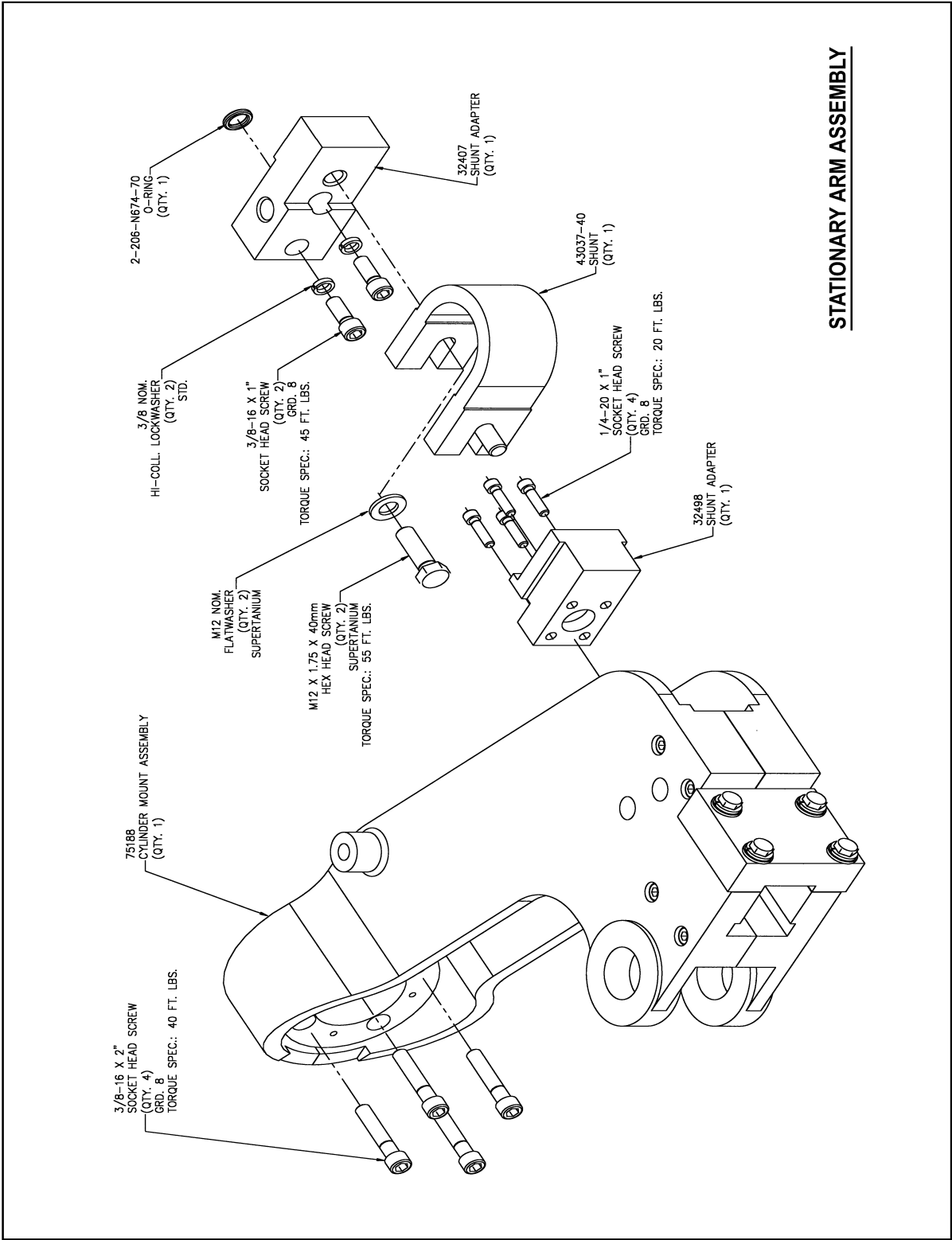




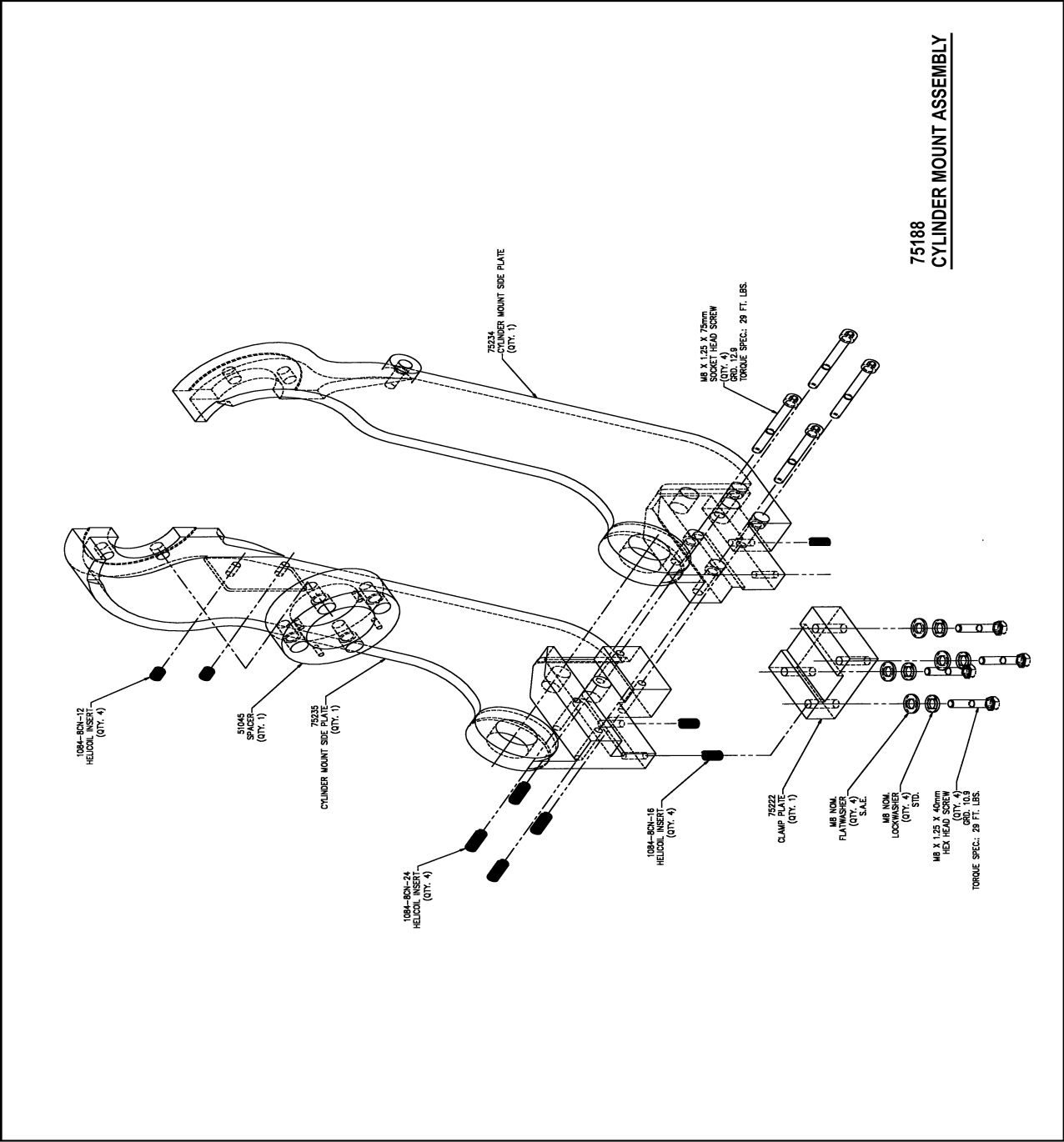
GROSSEL TOOL COMPANY

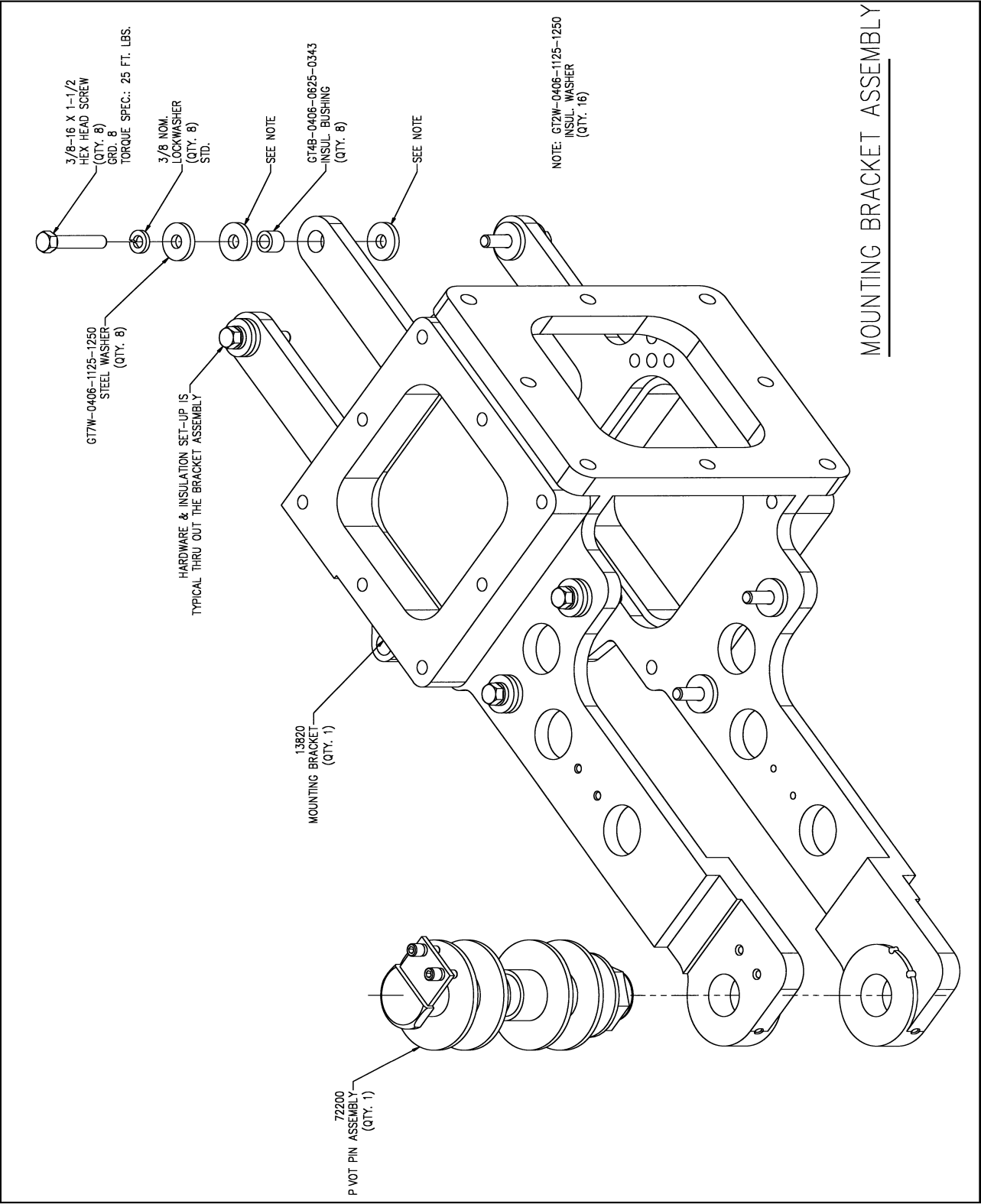




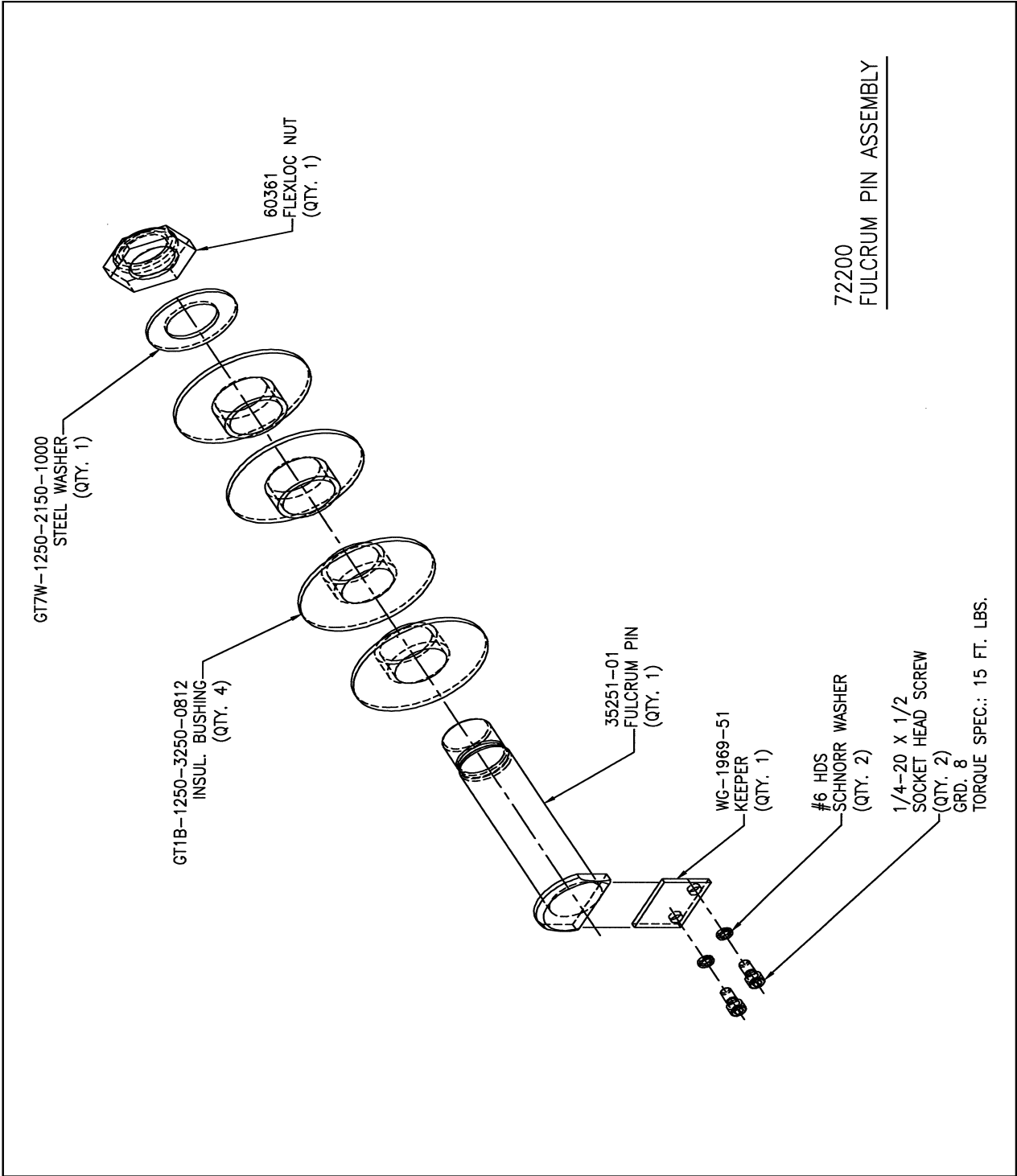


**STATIONARY ARM ASSEMBLY**



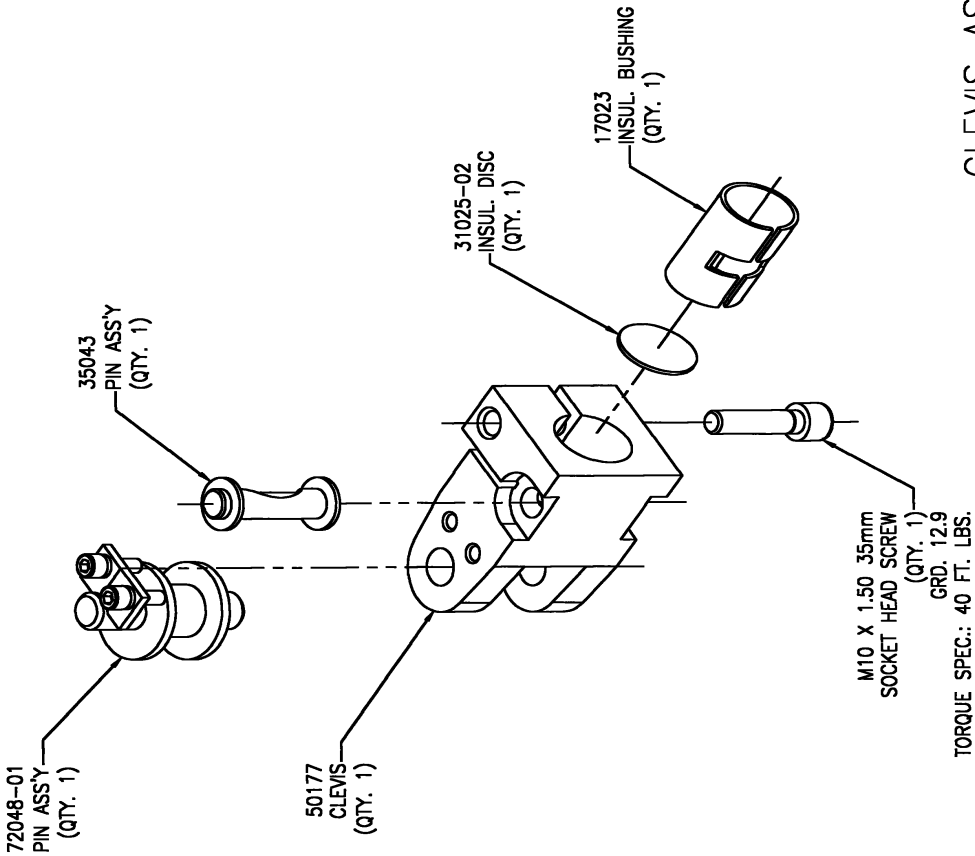


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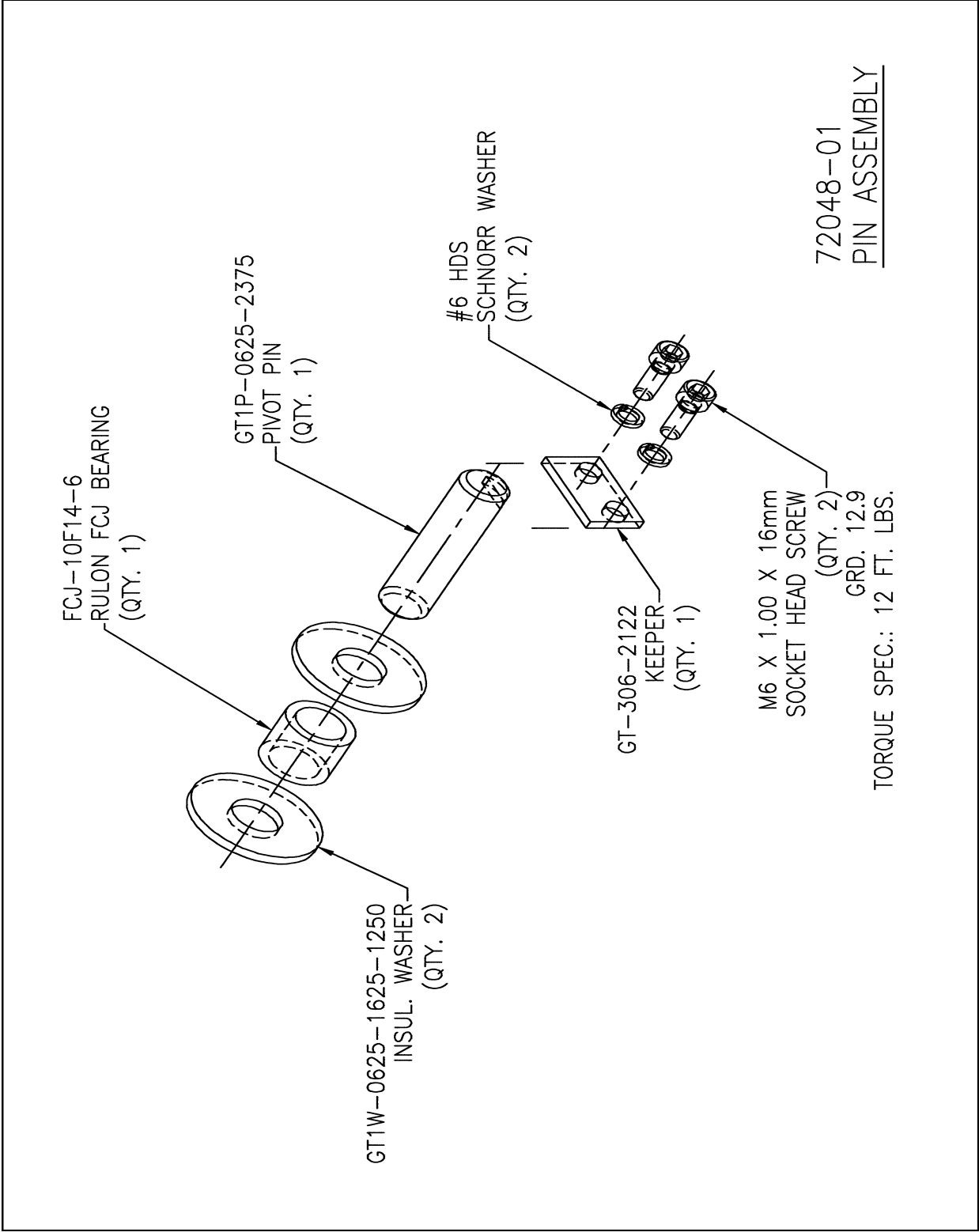


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CLEVIS ASSEMBLY

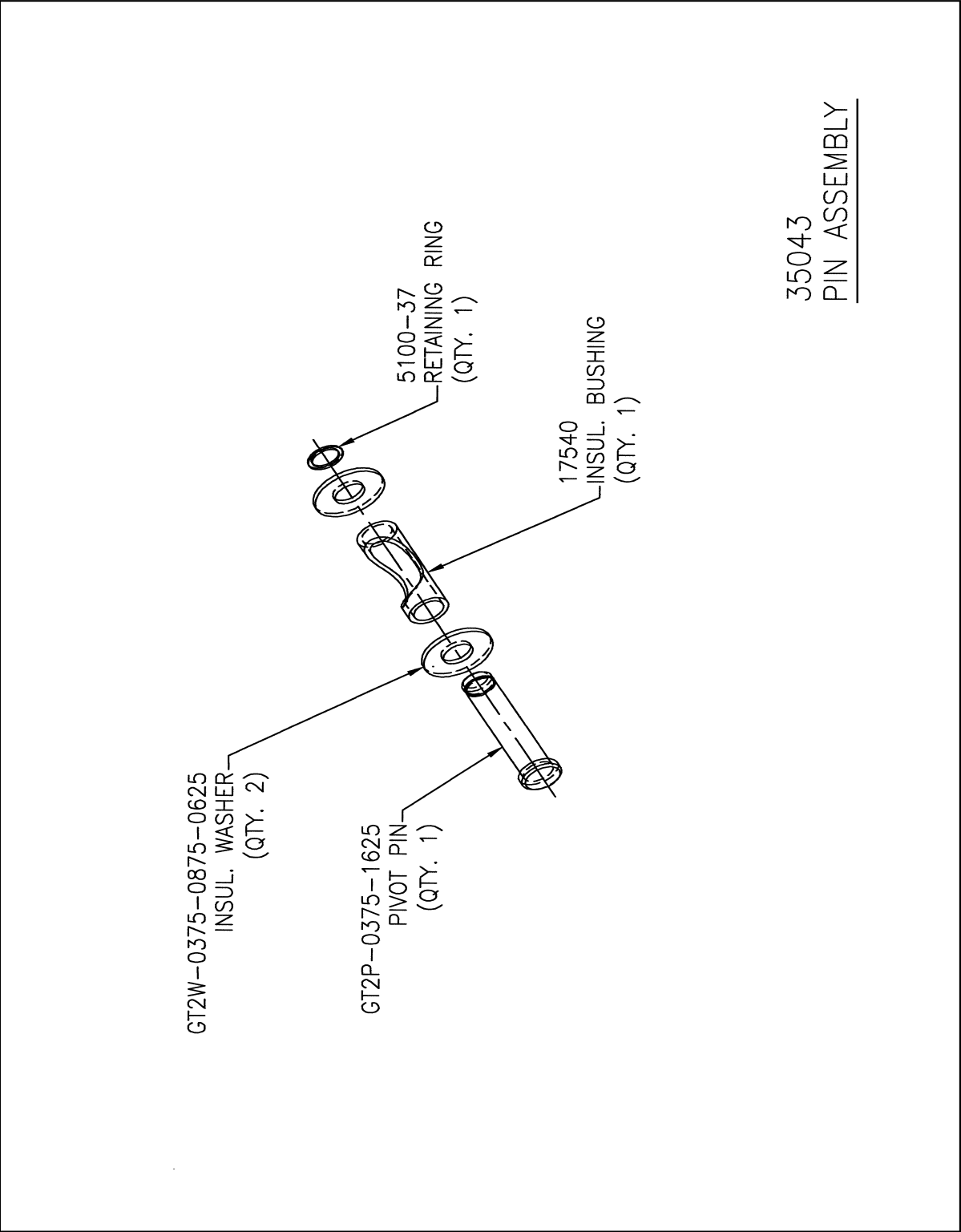


GROSSEFI TOOL COMPANY

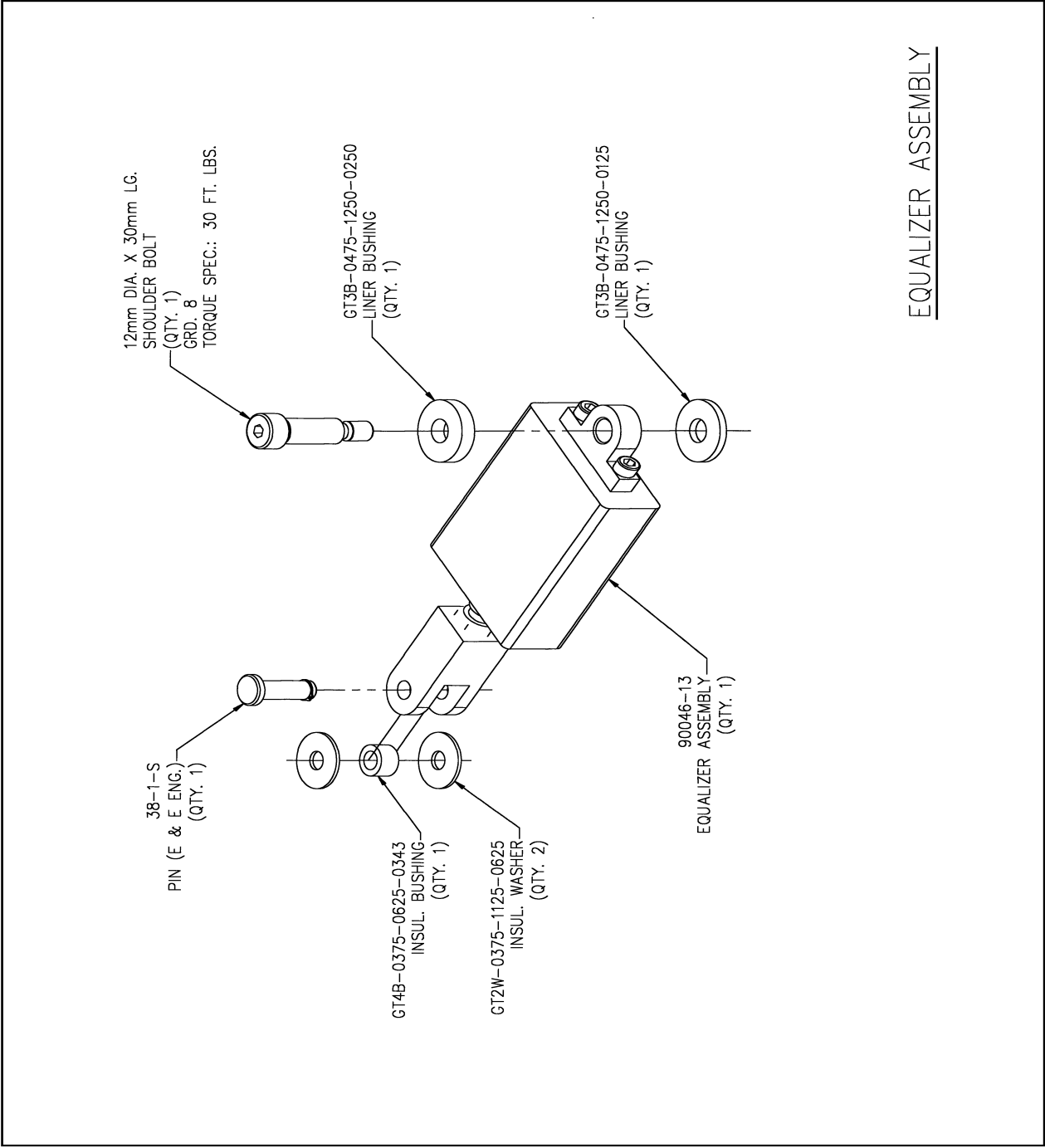




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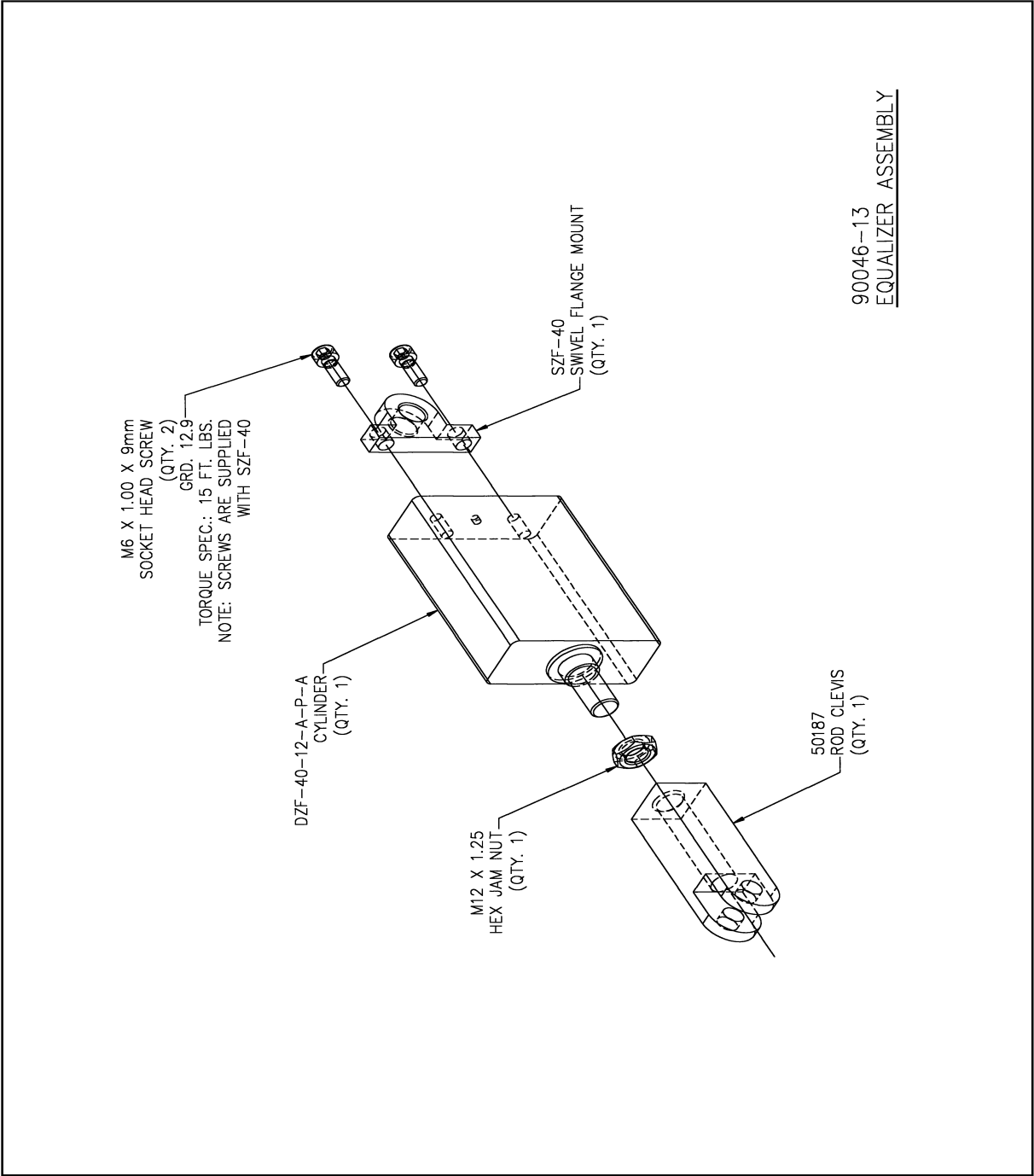


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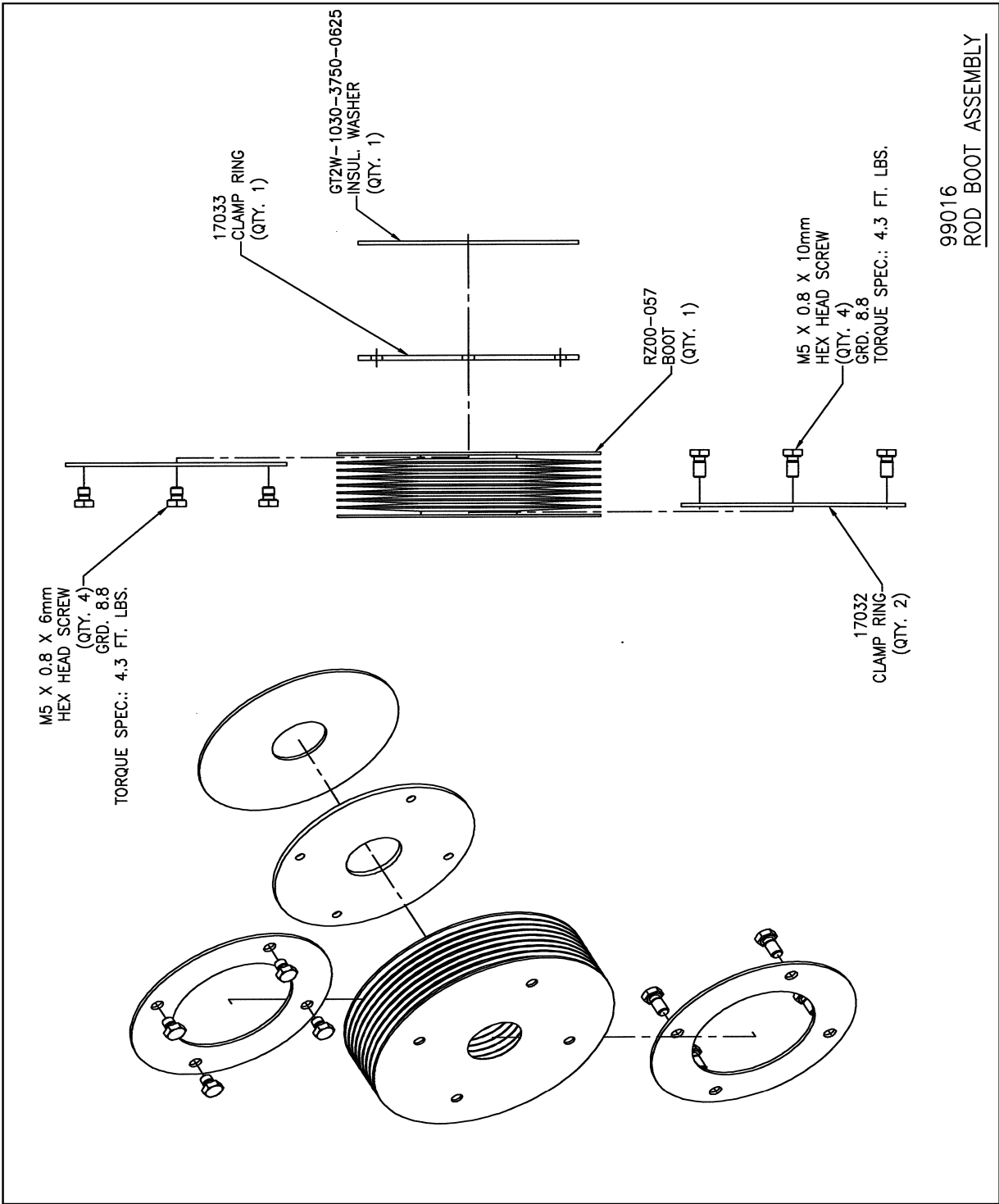


EQUALIZER ASSEMBLY

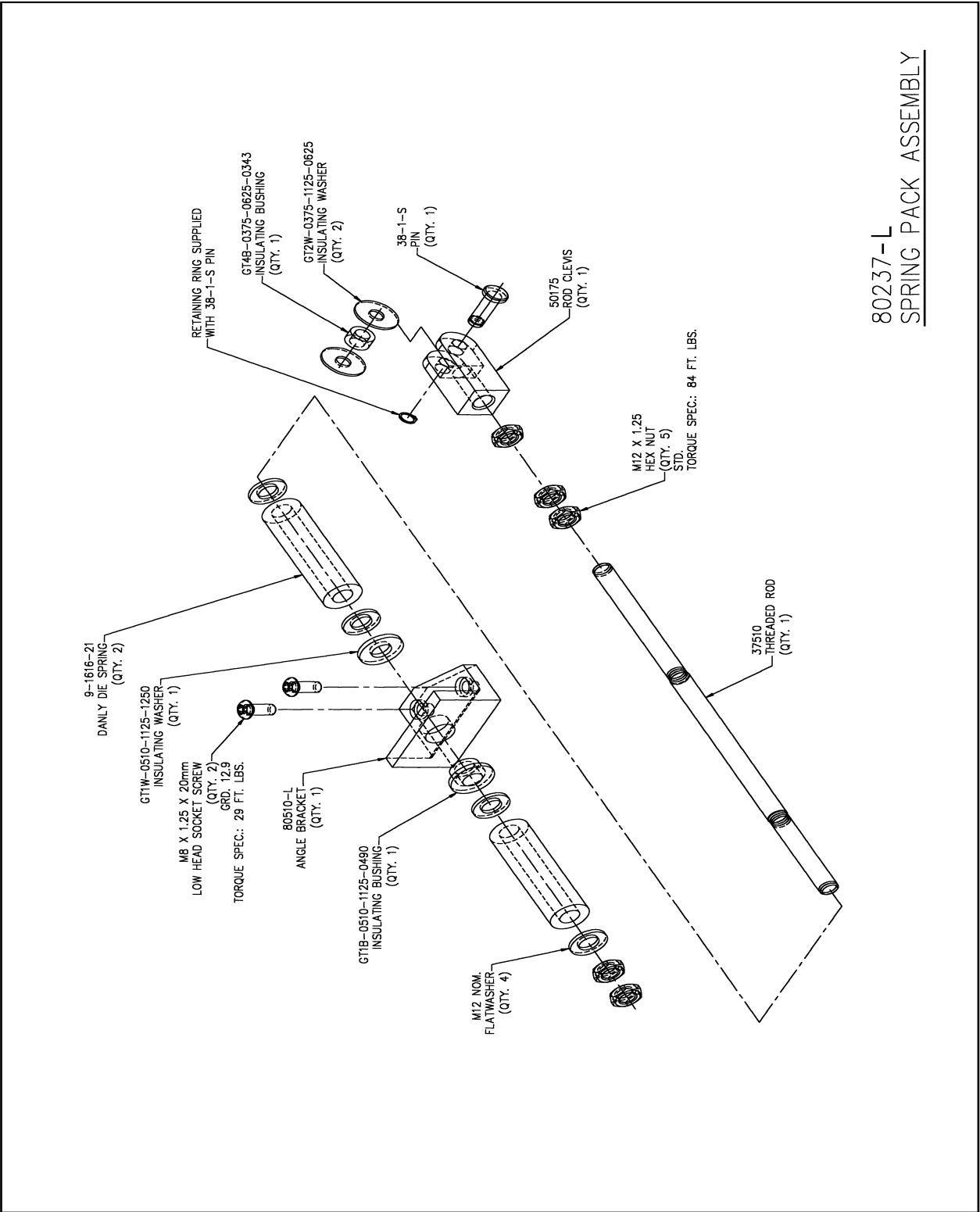
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99016  
ROD BOOT ASSEMBLY



80237-L  
SPRING PACK ASSEMBLY

