



**ZEPHYR**<sup>®</sup>  
T O O L

**LOK-FAST**

AEROSPACE FASTENER TOOLS

**TORQUE CONTROL TOOLS**

# Torque Control Tools

|                                      |       |
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 U.S. Patent Number 5,305,666

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## Features of Lok-Fast Torque Control Tools

We pride ourselves at making the very best tools on the market. They are easy to use (QRS<sup>®</sup> Sockets) and versatile to meet all your installation and removal needs.

### **Tools Configurations:**

The Lok-Fast Torque Control Tools come in several configurations allowing for the operator to choose the tool best designed for his needs.

### **Versatility:**

All the heads are designed to be 360 degree indexable and give a constant torque at any angle.

### **Ease of Use:**

The QRS<sup>®</sup> Sockets allow for the quick and easy installation and removal of the hex tip with out the need for any other tooling. This eliminates excess down time and keeps the tool on the job longer.

### **Indexing Feature:**

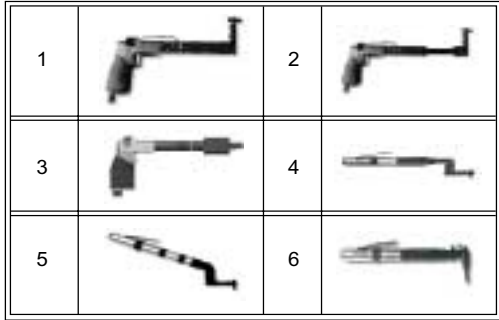
The tools are fully indexable (360°). No extra tooling is required to utilize the indexing mechanism, allowing for quick adjustments and increased versatility.



**Torque Control Tool Part Number System**

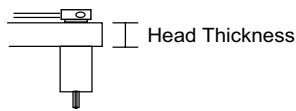
LTC     -

STYLE \_\_\_\_\_



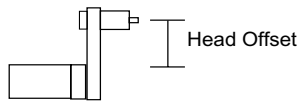
HEAD THICKNESS \_\_\_\_\_

|   |   |       |
|---|---|-------|
| 2 | = | 0.25" |
| 3 | = | 0.33" |
| 4 | = | 0.46" |



HEAD OFFSET \_\_\_\_\_

|   |   |       |
|---|---|-------|
| 3 | = | 0.95" |
| 5 | = | 2.10" |
| 7 | = | 3.44" |
| 9 | = | 4.78" |



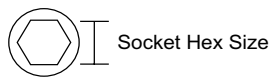
TORQUE RATING\* \_\_\_\_\_

|    |   |                  |
|----|---|------------------|
| T2 | = | 15 to 25 in-lbs  |
| T3 | = | 26 to 55 in-lbs  |
| T4 | = | 40 to 80 in-lbs  |
| T5 | = | 80 to 120 in-lbs |

Important to note not all torque ratings are available for all head thicknesses and offsets. Refer to specific tool pages for details.

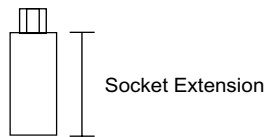
SOCKET HEX SIZE \_\_\_\_\_

|       |   |    |
|-------|---|----|
| 7/32  | = | 21 |
| 1/4   | = | 25 |
| 9/32  | = | 28 |
| 5/16  | = | 31 |
| 11/32 | = | 34 |
| 3/8   | = | 37 |
| 7/16  | = | 43 |



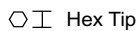
SOCKET EXTENSION \_\_\_\_\_

|   |   |       |
|---|---|-------|
| - | = | flush |
| B | = | 0.5   |
| D | = | 1.0   |
| F | = | 1.5   |
| H | = | 2.0   |
| L | = | 3.0   |
| P | = | 4.0   |

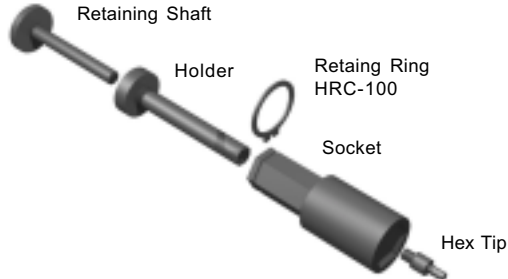


HEX TIP \_\_\_\_\_

|   |   |      |
|---|---|------|
| 5 | = | 1/16 |
| 6 | = | 5/64 |
| 8 | = | 3/32 |



## Torque Control Tooling Quick Release System<sup>®</sup>



### Ordering Information:

1. Select the required *Hex Tip Size*
2. Select the *Socket Hex Size*
3. Select the *Drive Hex Length (w)*
4. Select the *Socket Extension (x)*
5. Combine as shown below

Example: **LTSA25 - 25B5**

**LTSA25** ----- 0.25" Long Socket Drive Hex  
**25** ----- 1/4" Socket Hex  
**B** --- 1/2" Long Extended Socket  
**5** - 1/16" Hex Key

| Hex Tip           | Socket Hex | Complete Part #  | Socket         | Holder    | Retaining Shaft |
|-------------------|------------|------------------|----------------|-----------|-----------------|
| 1/16<br>QRK - 5   | 7/32       | LTSA(w) - 21(x)5 | LTS(w) - 21(x) | LTH(w)(x) | LTRS(w)(x)      |
|                   | 1/4        | LTSA(w) - 25(x)5 | LTS(w) - 25(x) |           |                 |
|                   | 9/32       | LTSA(w) - 28(x)5 | LTS(w) - 28(x) |           |                 |
|                   | 5/16       | LTSA(w) - 31(x)5 | LTS(w) - 31(x) |           |                 |
|                   | 11/32      | LTSA(w) - 34(x)5 | LTS(w) - 34(x) |           |                 |
| 5/64<br>QRK - 6   | 7/32       | LTSA(w) - 21(x)6 | LTS(w) - 21(x) | LTH(w)(x) | LTRS(w)(x)      |
|                   | 1/4        | LTSA(w) - 25(x)6 | LTS(w) - 25(x) |           |                 |
|                   | 9/32       | LTSA(w) - 28(x)6 | LTS(w) - 28(x) |           |                 |
|                   | 5/16       | LTSA(w) - 31(x)6 | LTS(w) - 31(x) |           |                 |
|                   | 11/32      | LTSA(w) - 34(x)6 | LTS(w) - 34(x) |           |                 |
| 3/32<br>QRK - 8TC | 3/8        | LTSA(w) - 37(x)6 | LTS(w) - 37(x) | LTH(w)(x) | LTRS(w)(x)      |
|                   | 5/16       | LTSA(w) - 31(x)8 | LTS(w) - 31(x) |           |                 |
|                   | 11/32      | LTSA(w) - 34(x)8 | LTS(w) - 34(x) |           |                 |
|                   | 7/16       | LTSA(w) - 43(x)8 | LTS(w) - 43(x) |           |                 |

| W  | Head Thickness |
|----|----------------|
| 25 | 0.25"          |
| 33 | 0.33"          |
| 47 | 0.47"          |

| X | Socket Length |
|---|---------------|
| B | 0.5"          |
| D | 1.0"          |
| F | 1.5"          |
| H | 2.0"          |
| L | 3.0"          |
| P | 4.0"          |

U.S. Patent Number 6,305,666

QRS<sup>®</sup> is a Registered Trademark of Lok-Fast

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1.01.01

## Torque Control Tooling

### Quick Release System<sup>®</sup>

For use with LTC300 Series  
 (Inline Pistol Grip)



#### Ordering Information:

1. Select the required *Hex Tip Size*
2. Select the *Socket Hex Size*
3. Select the *Socket Length (x)*
4. Combine as shown below

Example: **LTSDSA21H5**

**LTSDSA** ----- Basic Socket Assy  
**21** ----- 7/32" Socket Hex  
**H** --- 2" Long Extended Socket  
**5** - 1/16" Hex Key

| Hex Tip           | Socket Hex | Complete Part # | Socket     | Holder   | Retaining Shaft |
|-------------------|------------|-----------------|------------|----------|-----------------|
| 1/16<br>QRK - 5   | 7/32       | LTSDSA21(x)5    | LTSDS21(x) | LTSDH(x) | LTSDRS(x)       |
|                   | 1/4        | LTSDSA25(x)5    | LTSDS25(x) |          |                 |
|                   | 9/32       | LTSDSA28(x)5    | LTSDS28(x) |          |                 |
|                   | 5/16       | LTSDSA31(x)5    | LTSDS31(x) |          |                 |
|                   | 11/32      | LTSDSA34(x)5    | LTSDS34(x) |          |                 |
| 5/64<br>QRK - 6   | 7/32       | LTSDSA21(x)6    | LTSDS21(x) | LTSDH(x) | LTSDRS(x)       |
|                   | 1/4        | LTSDSA25(x)6    | LTSDS25(x) |          |                 |
|                   | 9/32       | LTSDSA28(x)6    | LTSDS28(x) |          |                 |
|                   | 5/16       | LTSDSA31(x)6    | LTSDS31(x) |          |                 |
|                   | 11/32      | LTSDSA34(x)6    | LTSDS34(x) |          |                 |
|                   | 3/8        | LTSDSA37(x)6    | LTSDS37(x) |          |                 |
| 3/32<br>QRK - 8TC | 5/16       | LTSDSA31(x)8    | LTSDS31(x) | LTSDH(x) | LTSDRS(x)       |
|                   | 11/32      | LTSDSA34(x)8    | LTSDS34(x) |          |                 |
|                   | 3/8        | LTSDSA37(x)8    | LTSDS37(x) |          |                 |
|                   | 7/16       | LTSDSA43(x)8    | LTSDS43(x) |          |                 |

| X | Socket Length |
|---|---------------|
| H | 2.0"          |
| P | 4.0"          |



## Torque Control Tooling

### Quick Release System<sup>®</sup>

For use with LTC600 Series  
 (Right Angle)



#### Ordering Information:

1. Select the required *Hex Tip Size*
2. Select the *Socket Hex Size*
3. Select the *Socket Length (x)*
4. Combine as shown below

Example: **LTRASA21H5**

**LTRASA** ----- Basic Tool  
**21** ----- 7/32" Socket Hex  
**H** --- 2" Long Extended Socket  
**5** - 1/16" Hex Key

| Hex Tip           | Socket Hex | Complete Part # | Socket     | Holder   | Retaining Shaft |
|-------------------|------------|-----------------|------------|----------|-----------------|
| 1/16<br>QRK - 5   | 7/32       | LTRASA21(x)5    | LTRAS21(x) | LTRAH(x) | LTRARS(x)       |
|                   | 1/4        | LTRASA25(x)5    | LTRAS25(x) |          |                 |
|                   | 9/32       | LTRASA28(x)5    | LTRAS28(x) |          |                 |
|                   | 5/16       | LTRASA31(x)5    | LTRAS31(x) |          |                 |
|                   | 11/32      | LTRASA34(x)5    | LTRAS34(x) |          |                 |
| 5/64<br>QRK - 6   | 7/32       | LTRASA21(x)6    | LTRAS21(x) | LTRAH(x) | LTRARS(x)       |
|                   | 1/4        | LTRASA25(x)6    | LTRAS25(x) |          |                 |
|                   | 9/32       | LTRASA28(x)6    | LTRAS28(x) |          |                 |
|                   | 5/16       | LTRASA31(x)6    | LTRAS31(x) |          |                 |
|                   | 11/32      | LTRASA34(x)6    | LTRAS34(x) |          |                 |
|                   | 3/8        | LTRASA37(x)6    | LTRAS37(x) |          |                 |
| 3/32<br>QRK - 8TC | 5/16       | LTRASA31(x)8    | LTRAS31(x) | LTRAH(x) | LTRARS(x)       |
|                   | 11/32      | LTRASA34(x)8    | LTRAS34(x) |          |                 |
|                   | 3/8        | LTRASA37(x)8    | LTRAS37(x) |          |                 |
|                   | 7/16       | LTRASA43(x)8    | LTRAS43(x) |          |                 |



| X | Socket Length |
|---|---------------|
| D | 1.0"          |
| F | 1.5"          |
| H | 2.0"          |
| L | 3.0"          |
| P | 4.0"          |

## Torque Control Tooling

LTC12 Series

0.25" Thick Head - (T2 - T3)



**Ordering Information:**

1. Select the *Head Offset* required (H)
2. Select *Nut Setting Torque* (T)
3. Select the *Socket Hex Size* needed
4. Select the *Socket Length* required (x)
4. Select the *Hex Tip* required
5. Combine Part Numbers as Shown Below

Example Extended Socket

**LTC125T2 - 25B5**

**LTC12** ----- Basic Tool

**5** ----- 2.10" Offset

**T2** ----- 15 to 25 in-lbs. Torque Range

**25** ----- 1/4" Socket Hex

**B** --- 1/2" Long Extended Socket

**5** - 1/16" Hex Tip

| (H) | Head Offset |
|-----|-------------|
| 3   | 0.95"       |
| 5   | 2.10"       |

| (T) | Torque Range      |
|-----|-------------------|
| T2  | 15 to 25 in - lbs |
| T3  | 26 to 55 in - lbs |

| (X) | Socket Length |
|-----|---------------|
| B   | 0.5"          |
| D   | 1.0"          |
| F   | 1.5"          |
| H   | 2.0"          |
| L   | 3.0"          |
| P   | 4.0"          |

| Tool Data           |             |
|---------------------|-------------|
| Performance Rated @ | 90 PSI      |
| Air Inlet           | 1/4 N.P.T.  |
| RPM (free speed)    | T2-T3 = 600 |

| Hex Tip | Socket Hex | Complete Part #      |
|---------|------------|----------------------|
| 1/16    | 7/32       | LTC12(H)(T) - 21(x)5 |
|         | 1/4        | LTC12(H)(T) - 25(x)5 |
|         | 9/32       | LTC12(H)(T) - 28(x)5 |
|         | 5/16       | LTC12(H)(T) - 31(x)5 |
| 5/64    | 11/32      | LTC12(H)(T) - 34(x)5 |
|         | 7/32       | LTC12(H)(T) - 21(x)6 |
|         | 1/4        | LTC12(H)(T) - 25(x)6 |
|         | 9/32       | LTC12(H)(T) - 28(x)6 |
|         | 5/16       | LTC12(H)(T) - 31(x)6 |
| 3/32    | 11/32      | LTC12(H)(T) - 34(x)6 |
|         | 3/8        | LTC12(H)(T) - 37(x)6 |
|         | 5/16       | LTC12(H)(T) - 31(x)8 |
|         | 11/32      | LTC12(H)(T) - 34(x)8 |
|         | 3/8        | LTC12(H)(T) - 37(x)8 |
|         | 7/16       | LTC12(H)(T) - 43(x)8 |



## Torque Control Tooling

### LTC13 Series

0.33" Thick Head - (T2 - T4)



#### Ordering Information:

1. Select the *Head Offset* required (H)
2. Select *Nut Setting Torque* (T)
3. Select the *Socket Hex Size*
4. Select the *Socket Length* required (x)
4. Select the *Hex Tip* required
5. Combine Part Numbers as Shown Below

Example Extended Socket

**LTC135T2 - 25B5**

**LTC13** ----- Basic Tool  
**5** ----- 2.10" Offset  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Socket Hex  
**B** --- 1/2" Long Extended Socket  
**5** - 1/16" Hex Tip

Example Flush

**LTC135T2 - 25 - 5**

**LTC13** ----- Basic Tool.  
**5** ----- 2.10" Offset  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Flush Socket Hex  
**5** - 1/16 Hex Tip

| H  | Head Offset |
|----|-------------|
| 3  | 0.95"       |
| 5  | 2.10"       |
| 7* | 3.44"       |

\* Not available above T3

| T  | Torque Range      |
|----|-------------------|
| T2 | 15 to 25 in - lbs |
| T3 | 26 to 55 in - lbs |
| T4 | 40 to 80 in - lbs |

| X | Socket Length |
|---|---------------|
| - | flush         |
| B | 0.5"          |
| D | 1.0"          |
| F | 1.5"          |
| H | 2.0"          |
| L | 3.0"          |
| P | 4.0"          |

| Tool Data           |                           |
|---------------------|---------------------------|
| Performance Rated @ | 90 PSI                    |
| Air Inlet           | 1/4 N.P.T.                |
| RPM                 | T2 - T3 = 600<br>T4 = 400 |

| Hex Tip | Socket Hex | Complete Part #      |
|---------|------------|----------------------|
| 1/16    | 7/32       | LTC13(H)(T) - 21(x)5 |
|         | 1/4        | LTC13(H)(T) - 25(x)5 |
|         | 9/32       | LTC13(H)(T) - 28(x)5 |
|         | 5/16       | LTC13(H)(T) - 31(x)5 |
|         | 11/32      | LTC13(H)(T) - 34(x)5 |
| 5/64    | 7/32       | LTC13(H)(T) - 21(x)6 |
|         | 1/4        | LTC13(H)(T) - 25(x)6 |
|         | 9/32       | LTC13(H)(T) - 28(x)6 |
|         | 5/16       | LTC13(H)(T) - 31(x)6 |
|         | 11/32      | LTC13(H)(T) - 34(x)6 |
|         | 3/8        | LTC13(H)(T) - 37(x)6 |
| 3/32    | 5/16       | LTC13(H)(T) - 31(x)8 |
|         | 11/32      | LTC13(H)(T) - 34(x)8 |
|         | 3/8        | LTC13(H)(T) - 37(x)8 |
|         | 7/16       | LTC13(H)(T) - 43(x)8 |

## Torque Control Tooling

### LTC14 Series

0.46" Thick Head - (T2 - T5)



#### Ordering Information:

1. Select the *Head Offset* required (H)
2. Select *Nut Setting Torque* (T)
3. Select the *Socket Hex Size*
4. Select the *Socket Length* required (x)
4. Select the *Hex Tip* required
5. Combine Part Numbers as Shown Below

Example Extended Socket

**LTC145T2 - 25B5**

LTC14 ----- Basic Tool  
 5 ----- 2.10" Offset  
 T2 ----- 15 to 25 in-lbs. Torque Range  
 25 ----- 1/4" Socket Hex  
 B --- 1/2" Long Extended Socket  
 5 - 1/16" Hex Tip

Example Flush

**LTC145T2 - 25 - 5**

LTC14 ----- Basic Tool  
 5 ----- 2.10" Offset  
 T2 ----- 15 to 25 in-lbs. Torque Range  
 25 ----- 1/4" Flush Socket Hex  
 5 - 1/16 Hex Tip

| H | Head Offset |
|---|-------------|
| 3 | 0.95"       |
| 5 | 2.10"       |
| 7 | 3.44"       |
| 9 | 4.78"       |

| T  | Torque Range       |
|----|--------------------|
| T2 | 15 to 25 in - lbs  |
| T3 | 26 to 55 in - lbs  |
| T4 | 40 to 80 in - lbs  |
| T5 | 80 to 120 in - lbs |

| X | Socket Length |
|---|---------------|
| - | flush         |
| B | 0.5"          |
| D | 1.0"          |
| F | 1.5"          |
| H | 2.0"          |
| L | 3.0"          |
| P | 4.0"          |

| Tool Data           |                                |
|---------------------|--------------------------------|
| Performance Rated @ | 90 PSI                         |
| Air Inlet           | 1/4 N.P.T.                     |
| RPM (free speed)    | T2 - T3 = 600<br>T4 - T5 = 400 |

| Hex Tip | Socket Hex | Complete Part #      |
|---------|------------|----------------------|
| 1/16    | 7/32       | LTC14(H)(T) - 21(x)5 |
|         | 1/4        | LTC14(H)(T) - 25(x)5 |
|         | 9/32       | LTC14(H)(T) - 28(x)5 |
|         | 5/16       | LTC14(H)(T) - 31(x)5 |
|         | 11/32      | LTC14(H)(T) - 34(x)5 |
| 5/64    | 7/32       | LTC14(H)(T) - 21(x)6 |
|         | 1/4        | LTC14(H)(T) - 25(x)6 |
|         | 9/32       | LTC14(H)(T) - 28(x)6 |
|         | 5/16       | LTC14(H)(T) - 31(x)6 |
|         | 11/32      | LTC14(H)(T) - 34(x)6 |
| 3/32    | 3/8        | LTC14(H)(T) - 37(x)6 |
|         | 5/16       | LTC14(H)(T) - 31(x)8 |
|         | 11/32      | LTC14(H)(T) - 34(x)8 |
|         | 3/8        | LTC14(H)(T) - 37(x)8 |
|         | 7/16       | LTC14(H)(T) - 43(x)8 |

## Torque Control Tooling

LTC22 Series

0.25" Thick Head - (T2 - T3)



**Ordering Information:**

1. Select the *Head Offset* required (H)
2. Select Nut Setting *Torque* (T)
3. Select the *Socket Hex Size* needed
4. Select the *Socket Length* required (x)
4. Select the *Hex Tip* required
5. Combine Part Numbers as Shown Below

Example Extended Socket

**LTC225T2 - 25B5**

**LTC22** ----- Basic Tool  
**5** ----- 2.10" Offset  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Socket Hex  
**B** --- 1/2" Long Extended Socket  
**5** - 1/16" Hex Tip

| H | Head Offset |
|---|-------------|
| 3 | 0.95"       |
| 5 | 2.10"       |

| T  | Torque Range      |
|----|-------------------|
| T2 | 15 to 25 in - lbs |
| T3 | 26 to 55 in - lbs |

| X | Socket Length |
|---|---------------|
| B | 0.5"          |
| D | 1.0"          |
| F | 1.5"          |
| H | 2.0"          |
| L | 3.0"          |
| P | 4.0"          |

| Tool Data           |               |
|---------------------|---------------|
| Performance Rated @ | 90 PSI        |
| Air Inlet           | 1/4 N.P.T.    |
| RPM                 | T2 - T3 = 600 |

| Hex Tip | Socket Hex | Complete Part #      |
|---------|------------|----------------------|
| 1/16    | 7/32       | LTC22(H)(T) - 21(x)5 |
|         | 1/4        | LTC22(H)(T) - 25(x)5 |
|         | 9/32       | LTC22(H)(T) - 28(x)5 |
|         | 5/16       | LTC22(H)(T) - 31(x)5 |
|         | 11/32      | LTC22(H)(T) - 34(x)5 |
| 5/64    | 7/32       | LTC22(H)(T) - 21(x)6 |
|         | 1/4        | LTC22(H)(T) - 25(x)6 |
|         | 9/32       | LTC22(H)(T) - 28(x)6 |
|         | 5/16       | LTC22(H)(T) - 31(x)6 |
|         | 11/32      | LTC22(H)(T) - 34(x)6 |
|         | 3/8        | LTC22(H)(T) - 37(x)6 |
| 3/32    | 5/16       | LTC22(H)(T) - 31(x)8 |
|         | 11/32      | LTC22(H)(T) - 34(x)8 |
|         | 3/8        | LTC22(H)(T) - 37(x)8 |
|         | 7/16       | LTC22(H)(T) - 43(x)8 |

## Torque Control Tooling

### LTC23 Series

0.33" Thick Head - (T2 - T4)



#### Ordering Information:

1. Select the *Head Offset* required (H)
2. Select *Nut Setting Torque* (T)
3. Select the *Socket Hex Size* needed
4. Select the *Socket Length* required (x)
4. Select the *Hex Tip* required
5. Combine Part Numbers as Shown Below

Example Extended Socket

#### **LTC235T2 - 25B5**

**LTC23** ----- Basic Tool  
**5** ----- 2.10" Offset  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Socket Hex  
**B** --- 1/2" Long Extended Socket  
**5** - 1/16" Hex Tip

Example Flush:

#### **LTC235T2 - 25 - 5**

**LTC23** ----- Basic Tool  
**5** ----- 2.10" Offset  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Flush Socket Hex  
**5** - 1/16 Hex Tip

| H  | Head Offset |
|----|-------------|
| 3  | 0.95"       |
| 5  | 2.10"       |
| 7* | 3.44"       |

\* Not available above T3

| T  | Torque Range      |
|----|-------------------|
| T2 | 15 to 25 in - lbs |
| T3 | 26 to 55 in - lbs |
| T4 | 40 to 80 in - lbs |

| X | Socket Length |
|---|---------------|
| - | flush         |
| B | 0.5"          |
| D | 1.0"          |
| F | 1.5"          |
| H | 2.0"          |
| L | 3.0"          |
| P | 4.0"          |

| Tool Data           |                           |
|---------------------|---------------------------|
| Performance Rated @ | 90 PSI                    |
| Air Inlet           | 1/4 N.P.T.                |
| RPM                 | T2 - T3 = 600<br>T4 = 400 |

| Hex Tip | Socket Hex | Complete Part #      |
|---------|------------|----------------------|
| 1/16    | 7/32       | LTC23(H)(T) - 21(x)5 |
|         | 1/4        | LTC23(H)(T) - 25(x)5 |
|         | 9/32       | LTC23(H)(T) - 28(x)5 |
|         | 5/16       | LTC23(H)(T) - 31(x)5 |
|         | 11/32      | LTC23(H)(T) - 34(x)5 |
| 5/64    | 7/32       | LTC23(H)(T) - 21(x)6 |
|         | 1/4        | LTC23(H)(T) - 25(x)6 |
|         | 9/32       | LTC23(H)(T) - 28(x)6 |
|         | 5/16       | LTC23(H)(T) - 31(x)6 |
|         | 11/32      | LTC23(H)(T) - 34(x)6 |
| 3/32    | 3/8        | LTC23(H)(T) - 37(x)6 |
|         | 5/16       | LTC23(H)(T) - 31(x)8 |
|         | 11/32      | LTC23(H)(T) - 34(x)8 |
|         | 3/8        | LTC23(H)(T) - 37(x)8 |
|         | 7/16       | LTC23(H)(T) - 43(x)8 |

## Torque Control Tooling

LTC24 Series

0.46" Thick Head - (T2 - T5)



### Ordering Information:

1. Select the *Head Offset* required (H)
2. Select Nut Setting *Torque* (T)
3. Select the *Socket Hex Size*
4. Select the *Socket Length* required (x)
4. Select the *Hex Tip* required
5. Combine Part Numbers as Shown Below

Example Extended Socket

**LTC245T2 - 25B5**

**LTC24** ----- Basic Tool  
**5** ----- 2.10" Offset  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Socket Hex  
**B** --- 1/2" Long Extended Socket  
**5** - 1/16" Hex Tip

Example Flush

**LTC245T2 - 25 - 5**

**LTC24** ----- Basic Tool  
**5** ----- 2.10" Offset  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Flush Socket Hex  
**5** - 1/16 Hex Tip

| H | Head Offset |
|---|-------------|
| 3 | 0.95"       |
| 5 | 2.10"       |
| 7 | 3.44"       |
| 9 | 4.78"       |

| T  | Torque Range       |
|----|--------------------|
| T2 | 15 to 25 in - lbs  |
| T3 | 26 to 55 in - lbs  |
| T4 | 40 to 80 in - lbs  |
| T5 | 80 to 120 in - lbs |

| X | Socket Length |
|---|---------------|
| - | flush         |
| B | 0.5"          |
| D | 1.0"          |
| F | 1.5"          |
| H | 2.0"          |
| L | 3.0"          |
| P | 4.0"          |

| Tool Data           |                                |
|---------------------|--------------------------------|
| Performance Rated @ | 90 PSI                         |
| Air Inlet           | 1/4 N.P.T.                     |
| RPM                 | T2 - T3 = 600<br>T4 - T5 = 400 |

| Hex Tip | Socket Hex | Complete Part #      |
|---------|------------|----------------------|
| 1/16    | 7/32       | LTC24(H)(T) - 21(x)5 |
|         | 1/4        | LTC24(H)(T) - 25(x)5 |
|         | 9/32       | LTC24(H)(T) - 28(x)5 |
|         | 5/16       | LTC24(H)(T) - 31(x)5 |
| 5/64    | 11/32      | LTC24(H)(T) - 34(x)5 |
|         | 7/32       | LTC24(H)(T) - 21(x)6 |
|         | 1/4        | LTC24(H)(T) - 25(x)6 |
|         | 9/32       | LTC24(H)(T) - 28(x)6 |
|         | 5/16       | LTC24(H)(T) - 31(x)6 |
| 3/32    | 11/32      | LTC24(H)(T) - 34(x)6 |
|         | 3/8        | LTC24(H)(T) - 37(x)6 |
|         | 5/16       | LTC24(H)(T) - 31(x)8 |
|         | 11/32      | LTC24(H)(T) - 34(x)8 |
|         | 3/8        | LTC24(H)(T) - 37(x)8 |
|         | 7/16       | LTC24(H)(T) - 43(x)8 |

**Torque Control Tooling**  
**LTC300 Series**  
*(T2 - T5)*



**Ordering Information:**

1. Select the *Nut Setting Torque (T)*
2. Select the *Socket Hex Size*
3. Select the *Socket Length* required (x)
4. Select the *Hex Tip*
5. Combine Part Numbers as Shown Below

Example: **LTC300T2 - 25P5**

**LTC300** ----- Basic Tool  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Socket Hex  
**P** --- 4" Long Extended Socket  
**5** - 1/16" Hex Tip

| T  | Torque Range       |
|----|--------------------|
| T2 | 15 to 25 in - lbs  |
| T3 | 26 to 55 in - lbs  |
| T4 | 40 to 80 in - lbs  |
| T5 | 80 to 120 in - lbs |

| X | Socket Length |
|---|---------------|
| H | 2.0"          |
| P | 4.0"          |

| Tool Data           |                                |
|---------------------|--------------------------------|
| Performance Rated @ | 90 PSI                         |
| Air Inlet           | 1/4 N.P.T.                     |
| RPM                 | T2 - T3 = 600<br>T4 - T5 = 400 |

| Hex Tip | Socket Hex | Complete Part #    |
|---------|------------|--------------------|
| 1/16    | 7/32       | LTC300(T) - 21(x)5 |
|         | 1/4        | LTC300(T) - 25(x)5 |
|         | 9/32       | LTC300(T) - 28(x)5 |
|         | 5/16       | LTC300(T) - 31(x)5 |
|         | 11/32      | LTC300(T) - 34(x)5 |
| 5/64    | 7/32       | LTC300(T) - 21(x)6 |
|         | 1/4        | LTC300(T) - 25(x)6 |
|         | 9/32       | LTC300(T) - 28(x)6 |
|         | 5/16       | LTC300(T) - 31(x)6 |
|         | 11/32      | LTC300(T) - 34(x)6 |
| 3/32    | 3/8        | LTC300(T) - 37(x)6 |
|         | 5/16       | LTC300(T) - 31(x)8 |
|         | 11/32      | LTC300(T) - 34(x)8 |
|         | 3/8        | LTC300(T) - 37(x)8 |
|         | 7/16       | LTC300(T) - 43(x)8 |

## Torque Control Tooling

### LTC42 Series

0.25" Thick Head - (T2 - T3)



**Ordering Information:**

1. Select the *Head Offset* required (H)
2. Select *Nut Setting Torque* (T)
3. Select the *Socket Hex Size*
4. Select the *Socket Length* required (x)
4. Select the *Hex Tip* required
5. Combine Part Numbers as Shown Below

Example Extended Socket

**LTC425T2 - 25B5**

**LTC42** ----- Basic Tool  
**5** ----- 2.10" Offset  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Socket Hex  
**B** --- 1/2" Long Extended Socket  
**5** - 1/16" Hex Tip

| H | Head Offset |
|---|-------------|
| 3 | 0.95"       |
| 5 | 2.10"       |

| T  | Torque Range      |
|----|-------------------|
| T2 | 15 to 25 in - lbs |
| T3 | 26 to 55 in - lbs |

| X | Socket Length |
|---|---------------|
| B | 0.5"          |
| D | 1.0"          |
| F | 1.5"          |
| H | 2.0"          |
| L | 3.0"          |
| P | 4.0"          |

| Tool Data           |                      |
|---------------------|----------------------|
| Performance Rated @ | 90 PSI               |
| Air Inlet           | 1/4 N.P.T.           |
| RPM                 | T2 = 600<br>T3 = 400 |

| Hex Tip | Socket Hex | Complete Part #      |
|---------|------------|----------------------|
| 1/16    | 7/32       | LTC42(H)(T) - 21(x)5 |
|         | 1/4        | LTC42(H)(T) - 25(x)5 |
|         | 9/32       | LTC42(H)(T) - 28(x)5 |
|         | 5/16       | LTC42(H)(T) - 31(x)5 |
|         | 11/32      | LTC42(H)(T) - 34(x)5 |
| 5/64    | 7/32       | LTC42(H)(T) - 21(x)6 |
|         | 1/4        | LTC42(H)(T) - 25(x)6 |
|         | 9/32       | LTC42(H)(T) - 28(x)6 |
|         | 5/16       | LTC42(H)(T) - 31(x)6 |
|         | 11/32      | LTC42(H)(T) - 34(x)6 |
|         | 3/8        | LTC42(H)(T) - 37(x)6 |
| 3/32    | 5/16       | LTC42(H)(T) - 31(x)8 |
|         | 11/32      | LTC42(H)(T) - 34(x)8 |
|         | 3/8        | LTC42(H)(T) - 37(x)8 |
|         | 7/16       | LTC42(H)(T) - 43(x)8 |

# Torque Control Tooling

## LTC43 Series

0.33" Thick Head - (T2 - T4)



### Ordering Information:

1. Select the *Head Offset* required (H)
2. Select Nut Setting *Torque* (T)
3. Select the *Socket Hex Size*
4. Select the *Socket Length* required (x)
4. Select the *Hex Tip* required
5. Combine Part Numbers as Shown Below

Example Extended Socket

#### LTC435T2 - 25B5

LTC43 ----- Basic Tool  
 5 ----- 2.10" Offset  
 T2 ----- 15 to 25 in-lbs. Torque Range  
 25 ----- 1/4" Socket Hex  
 B --- 1/2" Long Extended Socket  
 5 - 1/16" Hex Tip.

Example Flush

#### LTC435T2 - 25 - 5

LTC43 ----- Basic Tool  
 5 ----- 2.10" Offset  
 T2 ----- 15 to 25 in-lbs. Torque Range  
 25 ----- 1/4" Flush Socket Hex  
 5 - 1/16 Hex Tip

| H  | Head Offset |
|----|-------------|
| 3  | 0.95"       |
| 5  | 2.10"       |
| 7* | 3.44"       |

\* Not available above T3

| T  | Torque Range      |
|----|-------------------|
| T2 | 15 to 25 in - lbs |
| T3 | 26 to 55 in - lbs |
| T4 | 40 to 80 in - lbs |

| X | Socket Length |
|---|---------------|
| - | flush         |
| B | 0.5"          |
| D | 1.0"          |
| F | 1.5"          |
| H | 2.0"          |
| L | 3.0"          |
| P | 4.0"          |

| Tool Data           |                          |
|---------------------|--------------------------|
| Performance Rated @ | 90 PSI                   |
| Air Inlet           | 1/4 N.P.T.               |
| RPM                 | T2 = 600<br>T3 -T4 = 400 |

| Hex Tip | Socket Hex | Complete Part #      |
|---------|------------|----------------------|
| 1/16    | 7/32       | LTC43(H)(T) - 21(x)5 |
|         | 1/4        | LTC43(H)(T) - 25(x)5 |
|         | 9/32       | LTC43(H)(T) - 28(x)5 |
|         | 5/16       | LTC43(H)(T) - 31(x)5 |
|         | 11/32      | LTC43(H)(T) - 34(x)5 |
| 5/64    | 7/32       | LTC43(H)(T) - 21(x)6 |
|         | 1/4        | LTC43(H)(T) - 25(x)6 |
|         | 9/32       | LTC43(H)(T) - 28(x)6 |
|         | 5/16       | LTC43(H)(T) - 31(x)6 |
|         | 11/32      | LTC43(H)(T) - 34(x)6 |
| 3/32    | 3/8        | LTC43(H)(T) - 37(x)6 |
|         | 5/16       | LTC43(H)(T) - 31(x)8 |
|         | 11/32      | LTC43(H)(T) - 34(x)8 |
|         | 3/8        | LTC43(H)(T) - 37(x)8 |
|         | 7/16       | LTC43(H)(T) - 43(x)8 |



## Torque Control Tooling

LTC44 Series

0.46" Thick Head - (T2 - T5)



**Ordering Information:**

1. Select the *Head Offset* required (H)
2. Select Nut Setting *Torque* (T)
3. Select the *Socket Hex Size*
4. Select the *Socket Length* required (x)
4. Select the *Hex Tip* required
5. Combine Part Numbers as Shown Below

Example Extended Socket

**LTC445T2 - 25B5**

**LTC44** ----- Basic Tool  
**5** ----- 2.10" Offset  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Socket Hex  
**B** --- 1/2" Long Extended Socket  
**5** - 1/16" Hex Tip

Example Flush

**LTC445T2 - 25 - 5**

**LTC44** ----- Basic Tool  
**5** ----- 2.10" Offset  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Flush Socket Hex  
**5** - 1/16 Hex Tip

| H | Head Offset |
|---|-------------|
| 3 | 0.95"       |
| 5 | 2.10"       |
| 7 | 3.44"       |
| 9 | 4.78"       |

| T  | Torque Range       |
|----|--------------------|
| T2 | 15 to 25 in - lbs  |
| T3 | 26 to 55 in - lbs  |
| T4 | 40 to 80 in - lbs  |
| T5 | 80 to 120 in - lbs |

| X | Socket Length |
|---|---------------|
| - | flush         |
| B | 0.5"          |
| D | 1.0"          |
| F | 1.5"          |
| H | 2.0"          |
| L | 3.0"          |
| P | 4.0"          |

| Tool Data           |                                       |
|---------------------|---------------------------------------|
| Performance Rated @ | 90 PSI                                |
| Air Inlet           | 1/4 N.P.T.                            |
| RPM                 | T2 = 600<br>T3 - T4 = 400<br>T5 = 350 |

| Hex Tip | Socket Hex | Complete Part #      |
|---------|------------|----------------------|
| 1/16    | 7/32       | LTC44(H)(T) - 21(x)5 |
|         | 1/4        | LTC44(H)(T) - 25(x)5 |
|         | 9/32       | LTC44(H)(T) - 28(x)5 |
|         | 5/16       | LTC44(H)(T) - 31(x)5 |
|         | 11/32      | LTC44(H)(T) - 34(x)5 |
| 5/64    | 7/32       | LTC44(H)(T) - 21(x)6 |
|         | 1/4        | LTC44(H)(T) - 25(x)6 |
|         | 9/32       | LTC44(H)(T) - 28(x)6 |
|         | 5/16       | LTC44(H)(T) - 31(x)6 |
|         | 11/32      | LTC44(H)(T) - 34(x)6 |
|         | 3/8        | LTC44(H)(T) - 37(x)6 |
| 3/32    | 5/16       | LTC44(H)(T) - 31(x)8 |
|         | 11/32      | LTC44(H)(T) - 34(x)8 |
|         | 3/8        | LTC44(H)(T) - 37(x)8 |
|         | 7/16       | LTC44(H)(T) - 43(x)8 |

## Torque Control Tooling

LTC52 Series

0.25" Thick Head - (T2 - T3)



**Ordering Information:**

1. Select the *Head Offset* required (H)
2. Select Nut Setting *Torque* (T)
3. Select the *Socket Hex Size*
4. Select the *Socket Length* required (x)
4. Select the *Hex Tip* required
5. Combine Part Numbers as Shown Below

Example Extended Socket

**LTC525T2 - 25B5**

**LTC52** ----- Basic Tool  
**5** ----- 2.10" Offset  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Socket Hex  
**B** --- 1/2" Long Extended Socket  
**5** - 1/16" Hex Tip

| H | Head Offset |
|---|-------------|
| 3 | 0.95"       |
| 5 | 2.10"       |

| T  | Torque Range      |
|----|-------------------|
| T2 | 15 to 25 in - lbs |
| T3 | 26 to 55 in - lbs |

| X | Socket Length |
|---|---------------|
| B | 0.5"          |
| D | 1.0"          |
| F | 1.5"          |
| H | 2.0"          |
| L | 3.0"          |
| P | 4.0"          |

| Tool Data           |                      |
|---------------------|----------------------|
| Performance Rated @ | 90 PSI               |
| Air Inlet           | 1/4 N.P.T.           |
| RPM                 | T2 = 600<br>T3 = 400 |

| Hex Tip | Socket Hex | Complete Part #      |
|---------|------------|----------------------|
| 1/16    | 7/32       | LTC52(H)(T) - 21(x)5 |
|         | 1/4        | LTC52(H)(T) - 25(x)5 |
|         | 9/32       | LTC52(H)(T) - 28(x)5 |
|         | 5/16       | LTC52(H)(T) - 31(x)5 |
|         | 11/32      | LTC52(H)(T) - 34(x)5 |
| 5/64    | 7/32       | LTC52(H)(T) - 21(x)6 |
|         | 1/4        | LTC52(H)(T) - 25(x)6 |
|         | 9/32       | LTC52(H)(T) - 28(x)6 |
|         | 5/16       | LTC52(H)(T) - 31(x)6 |
|         | 11/32      | LTC52(H)(T) - 34(x)6 |
|         | 3/8        | LTC52(H)(T) - 37(x)6 |
| 3/32    | 5/16       | LTC52(H)(T) - 31(x)8 |
|         | 11/32      | LTC52(H)(T) - 34(x)8 |
|         | 3/8        | LTC52(H)(T) - 37(x)8 |
|         | 7/16       | LTC52(H)(T) - 43(x)8 |

## Torque Control Tooling

### LTC53 Series

0.33" Thick Head - (T2 - T4)



#### Ordering Information:

1. Select the *Head Offset* required (H)
2. Select Nut Setting *Torque* (T)
3. Select the *Socket Hex Size*
4. Select the *Socket Length* required (x)
4. Select the *Hex Tip* required
5. Combine Part Numbers as Shown Below

Example Extended Socket

#### **LTC535T2 - 25B5**

**LTC53** ----- Basic Tool  
**5** ----- 2.10" Offset  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Socket Hex  
**B** --- 1/2" Long Extended Socket  
**5** - 1/16" Hex Tip

Example Flush

#### **LTC535T2 - 25 - 5**

**LTC53** ----- Basic Tool  
**5** ----- 2.10" Offset  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Flush Socket Hex  
**5** - 1/16 Hex Tip

| H  | Head Offset |
|----|-------------|
| 3  | 0.95"       |
| 5  | 2.10"       |
| 7* | 3.44"       |

\* Not available above T3

| T  | Torque Range      |
|----|-------------------|
| T2 | 15 to 25 in - lbs |
| T3 | 26 to 55 in - lbs |
| T4 | 40 to 80 in - lbs |

| X | Socket Length |
|---|---------------|
| - | flush         |
| B | 0.5"          |
| D | 1.0"          |
| F | 1.5"          |
| H | 2.0"          |
| L | 3.0"          |
| P | 4.0"          |

| Tool Data           |                           |
|---------------------|---------------------------|
| Performance Rated @ | 90 PSI                    |
| Air Inlet           | 1/4 N.P.T.                |
| RPM                 | T2 = 600<br>T3 - T4 = 400 |

| Hex Tip | Socket Hex | Complete Part #      |
|---------|------------|----------------------|
| 1/16    | 7/32       | LTC53(H)(T) - 21(x)5 |
|         | 1/4        | LTC53(H)(T) - 25(x)5 |
|         | 9/32       | LTC53(H)(T) - 28(x)5 |
|         | 5/16       | LTC53(H)(T) - 31(x)5 |
|         | 11/32      | LTC53(H)(T) - 34(x)5 |
| 5/64    | 7/32       | LTC53(H)(T) - 21(x)6 |
|         | 1/4        | LTC53(H)(T) - 25(x)6 |
|         | 9/32       | LTC53(H)(T) - 28(x)6 |
|         | 5/16       | LTC53(H)(T) - 31(x)6 |
|         | 11/32      | LTC53(H)(T) - 34(x)6 |
|         | 3/8        | LTC53(H)(T) - 37(x)6 |
| 3/32    | 5/16       | LTC53(H)(T) - 31(x)8 |
|         | 11/32      | LTC53(H)(T) - 34(x)8 |
|         | 3/8        | LTC53(H)(T) - 37(x)8 |
|         | 7/16       | LTC53(H)(T) - 43(x)8 |

## Torque Control Tooling

LTC54 Series

0.46" Thick Head - (T2 - T5)



**Ordering Information:**

1. Select the *Head Offset* required (H)
2. Select *Nut Setting Torque* (T)
3. Select the *Socket Hex Size*
4. Select the *Socket Length* required (x)
4. Select the *Hex Tip* required
5. Combine Part Numbers as Shown Below

Example Extended Socket

**LTC545T2 - 25B5**

LTC54 ----- Basic Tool  
 5 ----- 2.10" Offset  
 T2 ----- 15 to 25 in-lbs. Torque Range  
 25 ----- 1/4" Socket Hex  
 B --- 1/2" Long Extended Socket  
 5 - 1/16" Hex Tip

Example Flush

**LTC545T2 - 25 - 5**

LTC54 ----- Basic Tool  
 5 ----- 2.10" Offset  
 T2 ----- 15 to 25 in-lbs. Torque Range  
 25 ----- 1/4" Flush Socket Hex  
 5 - 1/16 Hex Tip

| H | Head Offset |
|---|-------------|
| 3 | 0.95"       |
| 5 | 2.10"       |
| 7 | 3.44"       |
| 9 | 4.78"       |

| T  | Torque Range       |
|----|--------------------|
| T2 | 15 to 25 in - lbs  |
| T3 | 26 to 55 in - lbs  |
| T4 | 40 to 80 in - lbs  |
| T5 | 80 to 120 in - lbs |

| X | Socket Length |
|---|---------------|
| - | flush         |
| B | 0.5"          |
| D | 1.0"          |
| F | 1.5"          |
| H | 2.0"          |
| L | 3.0"          |
| P | 4.0"          |

| Tool Data           |                                       |
|---------------------|---------------------------------------|
| Performance Rated @ | 90 PSI                                |
| Air Inlet           | 1/4 N.P.T.                            |
| RPM                 | T2 = 600<br>T3 - T4 = 400<br>T5 = 350 |

| Hex Tip | Socket Hex | Complete Part #      |
|---------|------------|----------------------|
| 1/16    | 7/32       | LTC54(H)(T) - 21(x)5 |
|         | 1/4        | LTC54(H)(T) - 25(x)5 |
|         | 9/32       | LTC54(H)(T) - 28(x)5 |
|         | 5/16       | LTC54(H)(T) - 31(x)5 |
|         | 11/32      | LTC54(H)(T) - 34(x)5 |
| 5/64    | 7/32       | LTC54(H)(T) - 21(x)6 |
|         | 1/4        | LTC54(H)(T) - 25(x)6 |
|         | 9/32       | LTC54(H)(T) - 28(x)6 |
|         | 5/16       | LTC54(H)(T) - 31(x)6 |
|         | 11/32      | LTC54(H)(T) - 34(x)6 |
| 3/32    | 3/8        | LTC54(H)(T) - 37(x)6 |
|         | 5/16       | LTC54(H)(T) - 31(x)8 |
|         | 11/32      | LTC54(H)(T) - 34(x)8 |
|         | 3/8        | LTC54(H)(T) - 37(x)8 |
|         | 7/16       | LTC54(H)(T) - 43(x)8 |

## Torque Control Tooling

LTC600 Series

(T2 - T5)



**Ordering Information:**

1. Select the *Head Offset* required (H)
2. Select *Nut Setting Torque* (T)
3. Select the *Socket Hex Size*
4. Select the *Socket Length* required (x)
4. Select the *Hex Tip* required
5. Combine Part Numbers as Shown Below

Example: **LTC600T2 - 25P5**

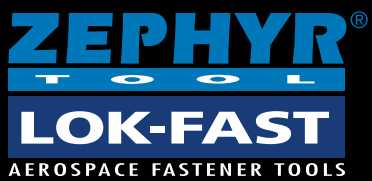
**LTC600** ----- Basic Tool  
**T2** ----- 15 to 25 in-lbs. Torque Range  
**25** ----- 1/4" Socket Hex  
**P** --- 4" Long Extended Socket  
**5** - 1/16" Hex Tip

| T  | Torque Range       |
|----|--------------------|
| T2 | 15 to 25 in - lbs  |
| T3 | 26 to 55 in - lbs  |
| T4 | 40 to 80 in - lbs  |
| T5 | 80 to 120 in - lbs |

| X | Socket Length |
|---|---------------|
| D | 1.0"          |
| F | 1.5"          |
| H | 2.0"          |
| L | 3.0"          |
| P | 4.0"          |

| Tool Data           |                                       |
|---------------------|---------------------------------------|
| Performance Rated @ | 90 PSI                                |
| Air Inlet           | 1/4 N.P.T.                            |
| RPM                 | T2 = 600<br>T3 - T4 = 400<br>T5 = 350 |

| Hex Tip | Socket Hex | Complete Part #    |
|---------|------------|--------------------|
| 1/16    | 7/32       | LTC600(T) - 21(x)5 |
|         | 1/4        | LTC600(T) - 25(x)5 |
|         | 9/32       | LTC600(T) - 28(x)5 |
|         | 5/16       | LTC600(T) - 31(x)5 |
|         | 11/32      | LTC600(T) - 34(x)5 |
| 5/64    | 7/32       | LTC600(T) - 21(x)6 |
|         | 1/4        | LTC600(T) - 25(x)6 |
|         | 9/32       | LTC600(T) - 28(x)6 |
|         | 5/16       | LTC600(T) - 31(x)6 |
|         | 11/32      | LTC600(T) - 34(x)6 |
| 3/32    | 3/8        | LTC600(T) - 37(x)6 |
|         | 5/16       | LTC600(T) - 31(x)8 |
|         | 11/32      | LTC600(T) - 34(x)8 |
|         | 3/8        | LTC600(T) - 37(x)8 |
|         | 7/16       | LTC600(T) - 43(x)8 |



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