## Telecom Tools

## Can Wrench



- Two tools in one; saves space in your pouch.

68005

- One end opens telephone box fasteners, the other end tightens nuts on binding-post terminals.
- The $7 / 1^{\prime \prime}$ " socket has a black finish and the $3 / 8^{\prime \prime}$ socket has a silver finish.
- Sockets are 1-1/4" (32 mm) deep to fit over long binding posts and are thin-walled for easy access into tight areas.
- Socket ends are color-coded for quick identification of socket sizes.
- Hex-socket design enables using a wrench to obtain extra torque.
- High-impact, break-resistant handle for long and dependable service.
- Sockets are heat-treated, alloy steel.

| Cat. No. | Description | Length | Handle Diameter | Weight |
| :--- | :--- | :--- | :--- | :--- |
| 68005 | $3 / 8^{\prime \prime}$ and $7 / 16^{\prime \prime}$ <br> hex nut | $(178 \mathrm{~mm})$ | $(25 \mathrm{~mm})$ | $.35 \mathrm{lbs} .(0.16 \mathrm{~kg})$ |
|  |  |  |  |  |

## Bell System Type Wrench



- Similar to standard lineman's wrench, but with end openings sized to NEMA hardware specifications.
- Silver painted finish.

| Cat. No. | Description | Length | Weight |
| :--- | :--- | :--- | :--- |
| 3146B | Large end has $1-1 / 16^{\prime \prime}$ <br> and $1-3 / 16^{\prime \prime}$ openings. | $13^{\prime \prime}(330 \mathrm{~mm})$ | $1.76 \mathrm{lbs} .(0.80 \mathrm{~kg})$ |
|  | Small end has $11 / 16^{\prime \prime}$ |  |  |
| and $7 / 8^{\prime \prime}$ openings. |  |  |  |

AWARNING: NOT insulated. Will NOT protect against electrical shock.

## Steel Strand Wire Pulling Grips

Bell System B, L, and H
Chicago ${ }^{\circledR}$ Grips - 1628, 1659, 1684 \& 1692 Series

- All are equipped with chain, toggle and shackle - keeps the grip from falling off of cable.
- 1659-5AT is similar to Bell-System type "B" Strand Puller. Designed to pull $1 / 4$ " ( 6.35 mm ) figure-8 telephone cable. Also has serpentine jaw.
- 1684-5AT is identical to Bell-System type "L" Strand Puller.
- 1628-16AT is identical to Bell-System type "H" Strand Puller.

| Cat. No. Min. to Max. Cable <br> Diameter inches (mm) | Jaw Length | Approx. Weight Each |
| :---: | :---: | :---: |
| 5,000 lbs. (2,268 kg) Maximum Safe Load |  |  |
| 1659-5AT ("B" Strand Puller) . 20 " - .37" ( $5.08 \mathrm{~mm}-9.40 \mathrm{~mm}$ ) | $5{ }^{\prime \prime}(127 \mathrm{~mm})$ | 6.7 lbs. (3.03 kg) |
| 8,000 lbs. (3,629 kg) Maximum Safe Load |  |  |
| 1684-5AT ("L" Strand Puller) .218" - . 550" ( $5.54 \mathrm{~mm}-13.97 \mathrm{~mm}$ ) | $5^{\prime \prime}(127 \mathrm{~mm})$ | $6.9 \mathrm{lbs}(3.13 \mathrm{~kg})$ |
| 1692-5AT ("L" Strand Puller) .218" - . 550" ( $5.54 \mathrm{~mm}-13.97 \mathrm{~mm}$ ) | $5{ }^{\prime \prime}(127 \mathrm{~mm})$ | $6.6 \mathrm{lbs}(3.00 \mathrm{~kg})$ |
| 15,000 lbs. (6,803 kg) Maximum Safe Load |  |  |
| 1628-16AT ("H" Strand Puller) . 31 " - .62" ( $7.87 \mathrm{~mm}-15.75 \mathrm{~mm}$ ) | $71 / 4^{\prime \prime}(184 \mathrm{~mm})$ | $15.8 \mathrm{lbs}(7.16 \mathrm{~kg}$ ) |
| *1692-5AT (larger clamping force than 1684-5AT) |  |  |

AWARNING: Do not exceed rated capacity.
AWARNING: Grips are to be used for temporary installation, not for
permanent anchorage.

[^0]AWARNING: Always match proper size and type of grip


Serpentine
Jaw
to application.

AWARNING: Before each use, clean jaw area and inspect grip for proper operation to avoid slippage.

[^1]
## Specialty Wrenches

## Bell System Type

- Similar to standard lineman's wrench, but with end openings sized to NEMA hardware specifications.
- Silver painted finish.


| Cat. No. | Description | Length | Weight (lhs.) |
| :--- | :--- | :--- | :--- |
| 3146 B | Large end has 1-1/1/6" and 1-3/16" openings. Small end has 11/16" and 7/8" openings. | $13^{\prime \prime}(330 \mathrm{~mm})$ | 1.76 |

## Lineman's Wrenches

- Forged from special bar steel and heat-treated for long life.
- Each end has two different size openings.

- Hole is provided at larger end for turning-in standard pole steps.
- Wrench is suited for use on heavy three-bolt guy clamps on which clearance is limited.

3146

- Dark blue painted finish (small end is painted silver on Cat. No. 3146A).

| Cat. No. | Description | Length | Weight (lbs.) |
| :--- | :--- | :--- | :--- | :--- |
| 3146 | For $5 / 8^{\prime \prime}$ hardware. Large end has $29 / 32^{" 1}$ and $1-3 / 32^{\prime \prime}$ openings. Small end has $5 / 8^{\prime \prime}$ and $13 / 16^{\prime \prime}$ openings. | $13^{\prime \prime}(330 \mathrm{~mm})$ | 1.85 |
| 3146 A | For $3 / 4^{\prime \prime}$ hardware. Large end has $1-1 / 16^{\prime \prime}$ and $1-5 / 16^{\prime \prime}$ openings. Small end has $5 / 8^{\prime \prime}$ and $7 / 8^{\prime \prime}$ openings. | $13^{\prime \prime}(330 \mathrm{~mm})$ | 1.70 |

## 3-in-1 Impact Socket - Distribution | Transmission

- NRHD Distribution socket features three square socket sizes: $3 / 44^{\prime \prime}$, 1 ", and 1-1/8".
- NRHD2 Transmission socket features three square socket sizes: 1-1/8", 1-5/16", and 1-1/2".
- $7 / 16^{\prime \prime}$ hex quick-change adapter included.
- Fine-tuned ball detent provides improved retention, minimizing drops.
- Long hollow shaft allows use on long threaded bolts.

| Cat. No. | Description | Length | Weight (lbs.) |
| :--- | :--- | :--- | :--- |
| NRHD | 3-in1 Impact Socket | $7-3 / 4 "(197 \mathrm{~mm})$ | 2.0 |
| NRHD2 | $111(279.4 \mathrm{~mm})$ | $3.25 \mathrm{lbs} .(1.47 \mathrm{~kg})$ | 3.25 NEW! |



## Impact Socket Adapters

- 7/16' hex quick-change adapter.
- Fine-tuned ball detent provides improved retention, minimizing drops.
- Do not exceed 200 ft . Ibs of torque.


| Cat. No. | Description | Length | Weight (oz.) |
| :--- | :--- | :--- | :--- |
| NRHDA | Distribution Socket Adapter | $7 / 16^{\prime \prime}$ | 5.8 |
| NHRDA2 | Transmission Socket Adapter | $7 / 16^{\prime \prime}$ | 10.9 NEW! |



NRHDA

NRHDA2

## Lineman's Ratcheting Wrenches

- Bolt-through design allows bolts to pass through the socket.
- $3 / 4^{\prime \prime}$ and $1^{\prime \prime} \times 1-1 / 8^{\prime \prime}$ combination square socket for most common utility hardware.

- Bright yellow socket for easy visibility.
- Works on most common utility pole hardware, such as lag bolts, "C" clamps and suspension bolts.
- KT155T and KT155HD also offer two popular wrench sizes: $9 / 16^{\prime \prime}$ and $3 / 4^{\prime \prime}$.
- Heavy duty design (KT155HD).



## All dimensions are in inches and (millimeters).

AWARNING: Always wear approved eye protection.

> AWARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

[^2]
[^0]:    AWARNING: When used on/or near energized lines, ground, insulate, or isolate grip before pulling.

[^1]:    AWARNING: NOT insulated. Plastic-dipped or slip-on plastic handles are NOT intended for protection against electrical shock.

[^2]:    AWARNING: Do NOT push or hammer wrench.

