

# Tools and Accessories



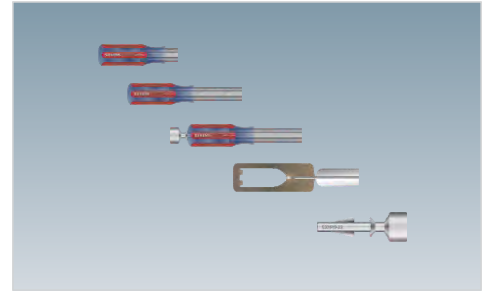
**Padlocks**

J1 - J6



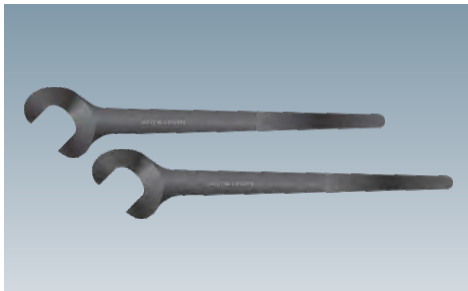
**Greases and Oils**

J7 - J8



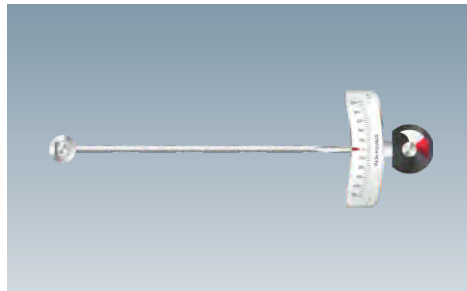
**AAR Terminal Wrenches**  
Hand Tools

J9 - J14



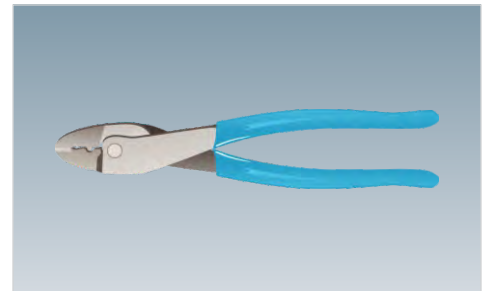
**Switch Adjustment Wrenches**  
Hand Tools

J15 - J16



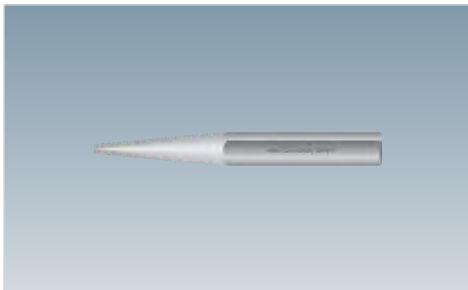
**Torque Wrench**  
Hand Tools

J17



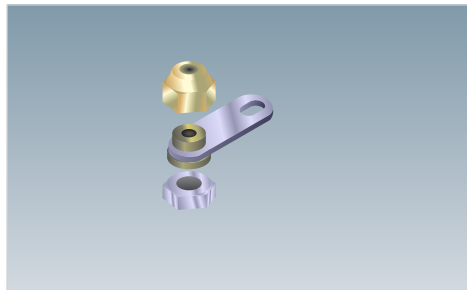
**Crimping Pliers**

J18



**Bond Punches**  
Hand Tools

J19 - J20



**Miscellaneous Tools and Hardware**

J21 - J29





## Padlocks

### Overview



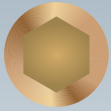
*Model A030399 Padlock shown for reference purposes only!  
Actual unit selected may vary in mounting and features.*

**SIEMENS** Padlocks are rugged and reliable. Simple body and hook construction are made of either cast zamak or cast bronze.

The locking screw is made of brass and is designed to prevent backing all the way out of the lock body. Models are available with or without attached chains

Other configurations may be available that are not listed. Please contact the Siemens Technical Assistance for Rail Automation Team for further details.

NYK:030399-19X

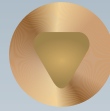


Key Pattern  
Standard Hexagon  
Profile



- Weight is approx. 0.5 lbs. (0.23 kgs.)
- Cast zamak construction
- Brass locking screw
- Includes chain

NYK:030399-15X

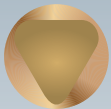


Key Pattern  
Small Triangle  
Profile



- Weight is approx. 0.5 lbs. (0.23 kgs.)
- Cast zamak construction
- Brass locking screw
- Includes chain

NYK:030399-X

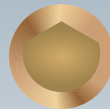


Key Pattern  
Standard Triangle  
Profile



- Weight is approx. 0.5 lbs. (0.23 kgs.)
- Cast zamak construction
- Brass locking screw
- Includes chain

NYK:030399-87X

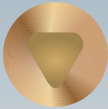


Key Pattern  
Modified Small D  
Profile



- Weight is approx. 0.5 lbs. (0.23 kgs.)
- Cast zamak construction
- Brass locking screw
- Includes chain

NYK:030399-13X

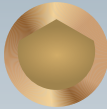


Key Pattern  
Standard Triangle  
Profile



- Weight is approx. 0.5 lbs. (0.23 kgs.)
- Cast zamak construction
- Brass locking screw
- NO chain

NYK:030399-75X



Key Pattern  
Modified Small D  
Profile



- Weight is approx. 0.5 lbs. (0.23 kgs.)
- Cast zamak construction
- Brass locking screw
- NO chain

NYK:030399-16X

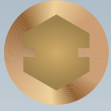


Key Pattern  
Slotted Hexagon  
Profile



- Weight is approx. 0.5 lbs. (0.23 kgs.)
- Cast zamak construction
- Brass locking screw
- NO chain

#### NYK:030399-24X

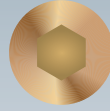


Key Pattern  
Slotted Hexagon  
Profile



- Weight is approx. 0.5 lbs. (0.23 kgs.)
- Cast zamak construction
- Brass locking screw
- NO chain

#### NYK:030399-84X

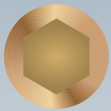


Key Pattern  
Small Hexagon  
Profile



- Weight is approx. 0.5 lbs. (0.23 kgs.)
- Cast zamak construction
- Brass locking screw
- NO chain

#### NYK:030399-31X

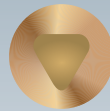


Key Pattern  
Standard Hexagon  
Profile



- Weight is approx. 0.5 lbs. (0.23 kgs.)
- Cast zamak construction
- Brass locking screw
- NO chain

#### NYK:030399-14X



Key Pattern  
Small Triangle  
Profile



- Weight is approx. 0.5 lbs. (0.23 kgs.)
- Cast zamak construction
- Brass locking screw
- NO chain

NYK:030399-51X		NYK:030399-1X	
 		 	
Key Pattern Standard Hexagon Profile		Key Pattern Standard Triangle Profile	
<ul style="list-style-type: none"><li>• Weight is approx. 0.5 lbs. (0.23 kgs.)</li><li>• Cast bronze construction</li><li>• Brass locking screw</li><li>• Includes chain</li></ul>		<ul style="list-style-type: none"><li>• Weight is approx. 0.5 lbs. (0.23 kgs.)</li><li>• Cast bronze construction</li><li>• Brass locking screw</li><li>• Includes chain</li></ul>	



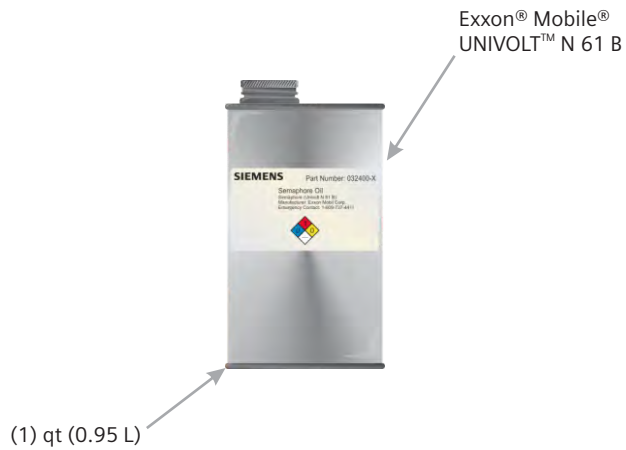




## Semaphore Oil

### Oils and Greases

#### Overview



*Shown for reference purposes only!  
Actual unit selected may vary in mounting and features.*

**SIEMENS** offers tried and true Exxon® Mobile® UNIVOLT™ N 61 B for all of your semaphore oil needs. A fully inhibited oil, meeting or exceeding ASTM D 3487 Type II (2000) specifications.

Providing good oxidization stability and low temperature pouring performance helps in easy low temperature start up.

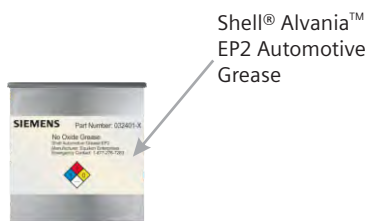
#### NYK:032400-X



- (1) qt (0.95 L)
- Meets or exceeds applicable ASTM D 3487 Type II (2000) specification
- Viscosity, cSt, 40C, per ASTM D 445: 9.2
- Viscosity, cSt, 100C, per ASTM D 445: 2.3
- Aniline Point, C, per ASTM D 611: 75.8°
- Color, per ASTM D 1500: L0.5
- Corrosive Sulfur, per ASTM D 1275: non corrosive
- Pour Point, per ASTM D 97: (-58° F) -50° C
- Flash Point, per ASTM D 92: (303° F) 151° C
- Specific Gravity, per D 1298: 0.91
- Interfacial Tension, 25C, dynes/cm, per ASTM D 971: 48
- Neutralization Number, mg KOH/g, per ASTM D 974: 0.013
- Water, ppm, per ASTM D 1533: 35
- Dielectric Strength, kV, per ASTM D 877: 30



## Overview



*Shown for reference purposes only!  
Actual unit selected may vary in mounting and features.*

**SIEMENS** offers tried and true Shell® Alvania™ Ep2 Automotive Grease. High quality multipurpose, extreme-pressure greases based on a blend of high viscosity index mineral oils and a lithium hydroxysterate soap thickener and contain extreme-pressure and other proven additives to enhance their performance in a wide range of applications. Designed for multipurpose grease lubrication of rolling element and plain bearings as well as hinges and sliding surfaces such as those found in throughout most industrial and transport sectors.

## NYK:032401-X



- (1) pt (0.47 L)
- Meets or exceeds applicable ASTM D 3487 Type II (2000) specification
- Viscosity, cSt, 40C, per ASTM D 445: 9.2
- Viscosity, cSt, 100C, per ASTM D 445: 2.3
- Aniline Point, C, per ASTM D 611: 75.8°
- Color, per ASTM D 1500: L0.5
- Corrosive Sulfur, per ASTM D 1275: non corrosive
- Pour Point, per ASTM D 97: (-58° F) -50° C
- Flash Point, per ASTM D 92: (303° F) 151° C
- Specific Gravity, per D 1298: 0.91
- Interfacial Tension, 25C, dynes/cm, per ASTM D 971: 48
- Neutralization Number, mg KOH/g, per ASTM D 974: 0.013
- Water, ppm, per ASTM D 1533: 35
- Dielectric Strength, kV, per ASTM D 877: 30

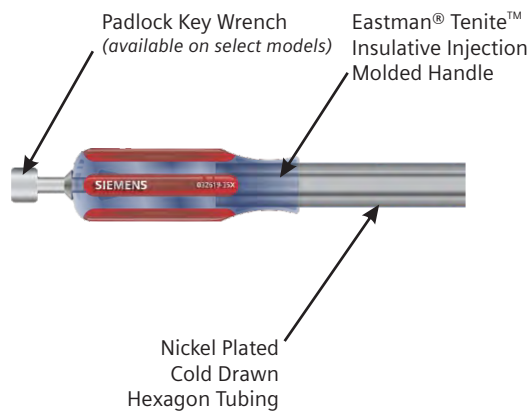




## AAR Terminal Wrenches

### Hand Tools

#### Overview



*Model A032619 AAR Terminal Wrench shown for reference purposes only!  
Actual unit selected may vary in mounting and features.*

**SIEMENS** AAR terminal wrenches are designed for use with AREMA® 14.1.11-6 specified AAR binding nuts. Available in a variety of lengths and configurations, including optional padlock key wrench.

Select models additionally are sealed within an electrically insulative coating which extends completely over the entire wrench, including the socket itself. Ruggedly constructed using nickel plated cold drawn hexagon tubing embedded in an Eastman® Tenite™ insulating injection molded handle providing a sure grip as well as added safety for the user.

NYK:032619-1X



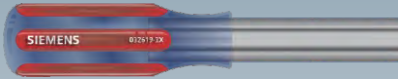
- Ø 1.2" (3.0 cm) X 4.5" (11.43 cm) long
- Nickel plated cold drawn hexagon tubing
- Eastman® Tenite™ insulative injection molded handle
- Weight is approx. 0.5 lbs. (0.23 kgs.)

NYK:032619-5X



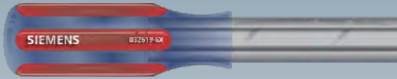
- Ø 1.2" (3.0 cm) X 4.5" (11.43 cm) long
- Nickel plated cold drawn hexagon tubing
- Eastman® Tenite™ insulative injection molded handle
- Weight is approx. 0.5 lbs. (0.23 kgs.)
- Additional electrical insulative coating on tubing

NYK:032619-3X



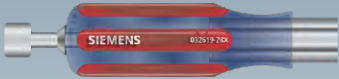
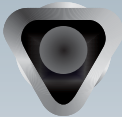

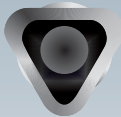


- Ø 1.2" (3.0 cm) X 6.5" (16.51 cm) long
- Nickel plated cold drawn hexagon tubing
- Eastman® Tenite™ insulative injection molded handle
- Weight is approx. 0.8 lbs. (0.36 kgs.)

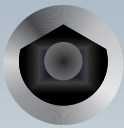
NYK:032619-6X



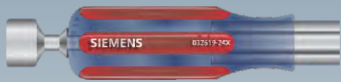
- Ø 1.2" (3.0 cm) X 6.5" (16.51 cm) long
- Nickel plated cold drawn hexagon tubing
- Eastman® Tenite™ insulative injection molded handle
- Weight is approx. 0.8 lbs. (0.36 kgs.)
- Additional electrical insulative coating on tubing

Tools and Accessories	
<div>NYK:032619-8X</div> <div></div> <div><ul style="list-style-type: none"><li>• Ø 1.2" (3.0 cm) X 11" (27.94 cm) long</li><li>• Nickel plated cold drawn hexagon tubing</li><li>• Eastman® Tenite™ insulative injection molded handle</li><li>• Weight is approx. 1.2 lbs. (0.54 kgs.)</li></ul></div>	<div>NYK:032619-9X</div> <div></div> <div><ul style="list-style-type: none"><li>• Ø 1.2" (3.0 cm) X 11" (27.94 cm) long</li><li>• Nickel plated cold drawn hexagon tubing</li><li>• Eastman® Tenite™ insulative injection molded handle</li><li>• Weight is approx. 1.2 lbs. (0.54 kgs.)</li><li>• Additional electrical insulative coating on tubing</li></ul></div>
<div>NYK:032619-28X</div> <div> <div>End View Standard Triangle Profile</div></div> <div><ul style="list-style-type: none"><li>• Ø 1.2" (3.0 cm) X 5.5" (13.97 cm) long</li><li>• Nickel plated cold drawn hexagon tubing</li><li>• Eastman® Tenite™ insulative injection molded handle</li><li>• Weight is approx. 0.8 lbs. (0.36 kgs.)</li><li>• Padlock Key Wrench (Standard Triangle)</li></ul></div>	<div>NYK:032619-35X</div> <div> <div>End View Standard Triangle Profile</div></div> <div><ul style="list-style-type: none"><li>• Ø 1.2" (3.0 cm) X 7.5" (19.05 cm) long</li><li>• Nickel plated cold drawn hexagon tubing</li><li>• Eastman® Tenite™ insulative injection molded handle</li><li>• Weight is approx. 1.1 lbs. (0.50 kgs.)</li><li>• Padlock Key Wrench (Standard Triangle)</li></ul></div>

NYK:032619-24X

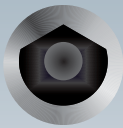


End View  
Modified D  
Profile



- Ø 1.2" (3.0 cm) X 5.5" (13.97 cm) long
- Nickel plated cold drawn hexagon tubing
- Eastman® Tenite™ insulative injection molded handle
- Weight is approx. 0.8 lbs. (0.36 kgs.)
- Padlock Key Wrench (Modified D)

NYK:032619-34X



End View  
Modified D  
Profile

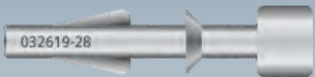


- Ø 1.2" (3.0 cm) X 7.5" (19.05 cm) long
- Nickel plated cold drawn hexagon tubing
- Eastman® Tenite™ insulative injection molded handle
- Weight is approx. 1.1 lbs. (0.50 kgs.)
- Padlock Key Wrench (Modified D)

NYK:032619-28

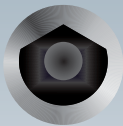


End View  
Standard Triangle  
Profile

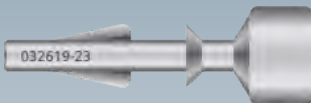


- Ø 1.2" (3.0 cm) X 5.5" (13.97 cm) long
- Nickel plated S.A.E 4140 chrome steel alloy construction
- Weight is approx. 0.8 lbs. (0.36 kgs.)
- Padlock Key Wrench (Standard Triangle)




NYK:032619-23




End View  
Modified D  
Profile



- Ø 1.2" (3.0 cm) X 7.5" (19.05 cm) long
- Nickel plated S.A.E 4140 chrome steel alloy construction
- Weight is approx. 1.1 lbs. (0.50 kgs.)
- Padlock Key Wrench (Modified D)

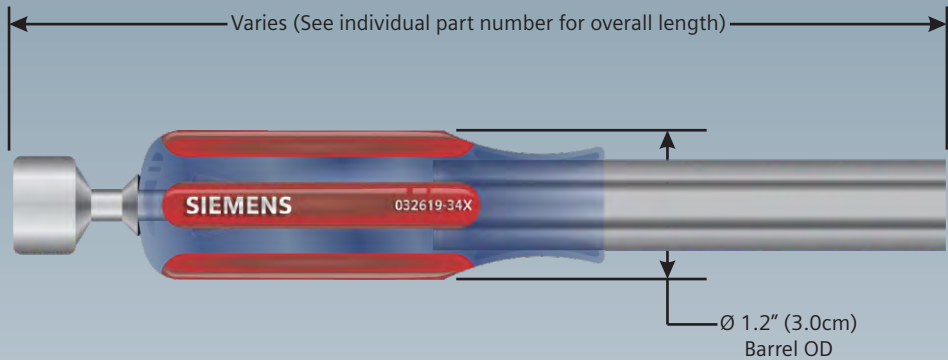
NYK:032619-22X	NYK:032619-30X
  End View Test Nut Profile	
<ul style="list-style-type: none"><li>• Ø .44" (1.12 cm) X 11.0" (27.94 cm) Long</li><li>• Nickel plated cold drawn round tubing</li><li>• Eastman® Tenite™ insulative injection molded handle</li><li>• Weight is approx. 1.2 lbs. (0.54 kgs.)</li><li>• Additional insulative sleeve sealing</li></ul>	<ul style="list-style-type: none"><li>• 4 1/2" (11.43 cm) Long</li><li>• Convenient folding design</li><li>• Rugged nylon handle</li><li>• Nickel plated cold drawn hexagon tubing</li><li>• Weight is approx. 0.6 lbs. (0.27 kgs.)</li></ul>

Applicable for all AAR Terminal Wrenches



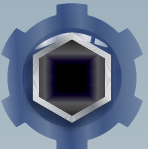
End View Padlock Key  
Wrench Profile

Available in  
Standard Triangle  
or  
Modified D  
Key Profiles



Varies (See individual part number for overall length)

Ø 1.2" (3.0cm)  
Barrel OD



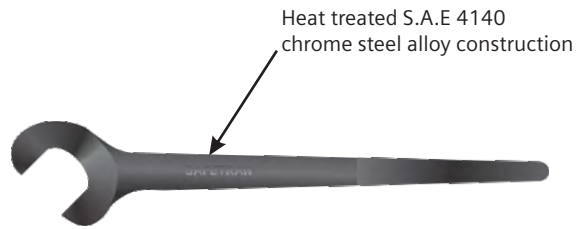
End View  
Hexagon Wrench  
Profile







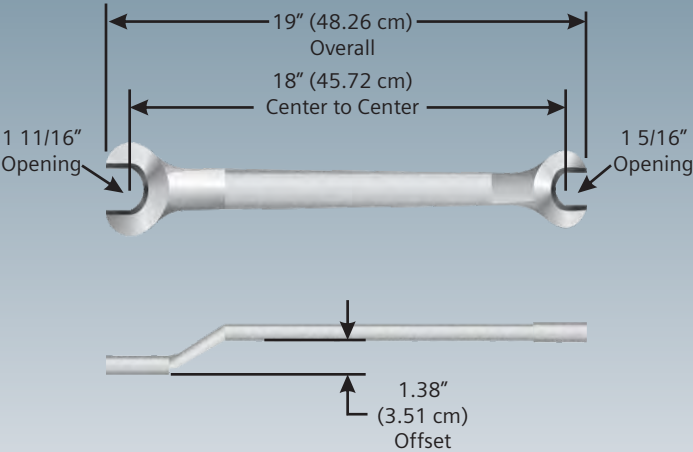
## Overview



*Model A032249 Switch Adjustment Wrench shown for reference purposes only!  
Actual unit selected may vary in mounting and features.*

**SIEMENS** Switch Adjustment Wrenches are designed using forged steel, and are specifically for railroad use. Their wide jaw widths, and the angle on which they are attached, allow them to overcome the tendency to slip off of the nut.

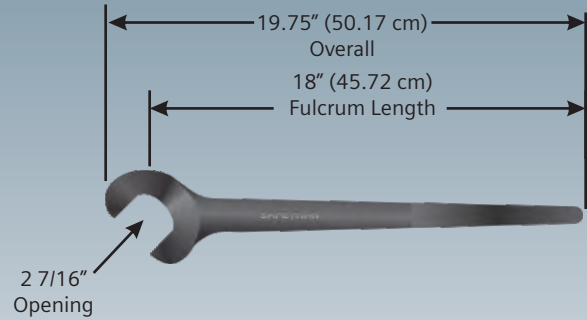
NYK:032249-1



**Double End Box Wrench**

- Heat treated S.A.E 4140 chrome steel alloy construction
- Weight is approx. 10.0 lbs. (4.54 kgs.)

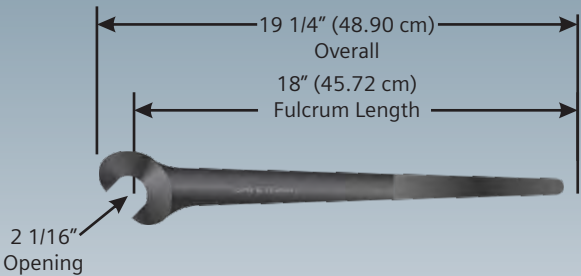
NYK:032249-2



**Switch Adjustment Wrench**

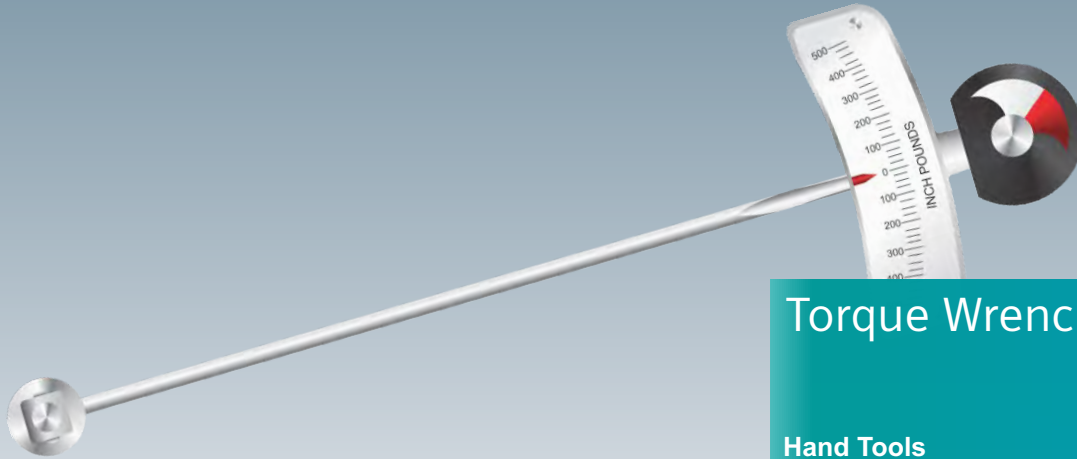
- Heat treated S.A.E 4140 chrome steel alloy construction
- Weight is approx. 10.0 lbs. (4.54 kgs.)

NYK:032249-4



**Switch Adjustment Wrench**

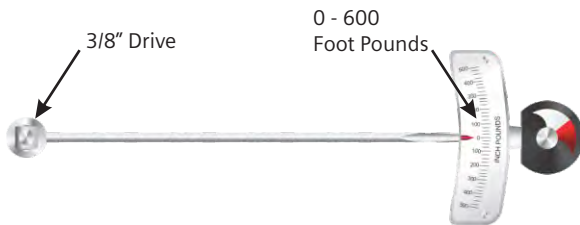
- Heat treated S.A.E 4140 chrome steel alloy construction
- Weight is approx. 12.0 lbs. (5.44 kgs.)
- Tapered handle for better gripping handling



## Torque Wrench Kit

Hand Tools

### Overview



*Model A070981-X shown for reference purposes only!  
Actual unit selected may vary in mounting and features.*

**SIEMENS** Torque Wrench Kit permits horizontal and vertical torque adjustments and measurements to be taken from the 1/2 inch hexagon end of the motor shaft on the S-60 Wayguard® Grade Crossing Gate Mechanisms. It provides a simpler method than the conventional manner with a spring scale for both measurements and adjustments.

The Torque Adapter (NYK:070554-2X), must be ordered separately, and is only used with older model gates before 1977 provides for torque adjustments. The adapter consists of a hex shaft made onto a collar which fits over the end of the motor pinion, and is held in place by a set screw.

The Torque Wrench Kit allows the gate arm to be cranked up, or in the case where the arm has been sheared off, to crank the weights to the horizontal position.

### NYK:070981-X



- Torque Wrench (ft - lb and in - lb readings)
- Ratcheting box end wrench (1/2 and 9/16 inches)
- Socket (1/2-inch, 3/8-inch drive)
- Allen Wrench (3/16-inch)
- Ratchet Wrench (3/8-inch drive)
- Tool Box
- Instruction Sheet

## Crimping Pliers

Hand Tools

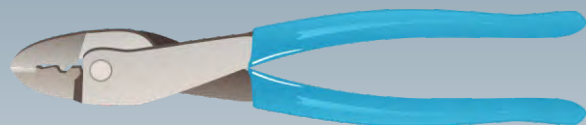
### Overview



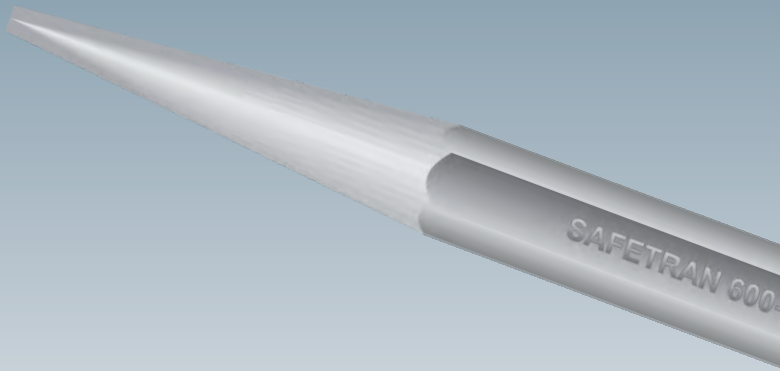
*Model A42000-85 shown for reference purposes only!  
Actual unit selected may vary in mounting and features.*

**SIEMENS** crimping tool crimps and cuts insulated and non insulated solderless connections and terminals. For use with wires ranging from 10 - 22 AWG.

NYK:420000-85



- High carbon steel jaw
- Weight is approx. 1.1 lbs. (0.50 kgs.)
- 9 3/4" (24.77 cm) overall length



## Bond Punches

Hand Tools

### Overview

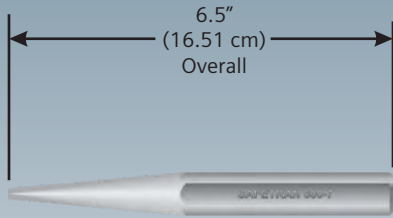


*Model A080600-7 Bond Punch shown for reference purposes only!  
Actual unit selected may vary in mounting and features.*

**SIEMENS** punches are made of hardened chisel steel, hardened and gauged at the punch end for severe service.

Other punches may be available that are not listed. Please contact the Siemens Technical Assistance for Rail Automation Team for further details.

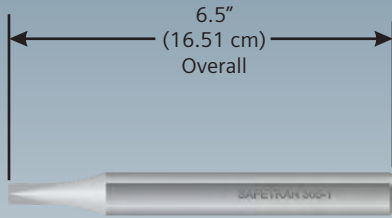
NYK:080600-7



**Starting Punch**

- Heat treated S.A.E 4140 hardened steel construction
- Weight is approx. 1 lbs. (0.45 kgs.)
- Punch end 0.170" to 0.175" (4.3 mm to 4.4 mm)
- Hex end 5/8" (15.8 mm)

NYK:080305-1



**Bond Punch**

- Heat treated S.A.E 4140 hardened steel construction
- Weight is approx. 1 lbs. (0.45 kgs.)
- Punch end 0.326" to 0.331" (8.3 mm to 8.4 mm)
- Hex end 5/8" (15.8 mm)

NYK:080305-2



**Bond Punch**

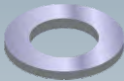
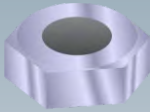
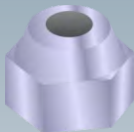

- Heat treated S.A.E 4140 hardened steel construction
- Weight is approx. 1 lbs. (0.45 kgs.)
- Punch end 0.255" to 0.260" (6.4 mm to 6.5 mm)
- Hex end 5/8" (15.8 mm)


NYK:080090-7



**Bond Installation Punch**

- Heat treated S.A.E 4140 hardened steel construction
- Weight is approx. 1 lbs. (0.45 kgs.)
- Punch end 0.225" (5.7 mm) tapered for bond installation
- Hex end 5/8" (15.8 mm)

NYK:023834	NYK:023832
	
<p><b>AAR beveled washer</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.1 lbs. (0.05 kgs.)</li><li>• Meets or exceeds AREMA® 14.1.11-8 specification</li></ul>	<p><b>AAR clamp nut</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.2 lbs. (0.10 kgs.)</li><li>• Meets or exceeds AREMA® 14.1.11-7 specification</li></ul>
NYK:023831	NYK:023833-X
	
<p><b>AAR binding shoulder nut</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.2 lbs. (0.10 kgs.)</li><li>• Meets or exceeds AREMA® 14.1.11-6 specification</li></ul>	<p><b>2" Ground Stud Post Assembly</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 1.1 lbs. (0.49 kgs.)</li><li>• (1) NYK:023833 2" ground stud post</li><li>• (1) NYK:023832 AAR clamp nut</li><li>• (2) NYK:023831 AAR binding shoulder nuts</li><li>• (5) NYK:023834 AAR beveled washers</li></ul>

NYK:023833	NYK:023833-4X
	
<p><b>2" Ground Stud Post</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.2 lbs. (0.10 kgs.)</li><li>• Meets or exceeds AREMA® 14.1.11-9 specification</li></ul>	<p><b>1 5/8" Ground Stud Post Assembly</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 1.1 lbs. (0.49 kgs.)</li><li>• (1) NYK:023834 1 5/8" ground stud post</li><li>• (1) NYK:023832 AAR clamp nut</li><li>• (2) NYK:023831 AAR binding shoulder nuts</li><li>• (5) NYK:023834 AAR beveled washers</li></ul>
NYK:023833-4	NYK:023408-1X
	
<p><b>1 5/8" ground stud post</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.2 lbs. (0.10 kgs.)</li></ul>	<p><b>Insulated #14-24 nut</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.3 lbs. (0.14 kgs.)</li></ul>



NYK:023408-5X



**Shield and cap, Bakelite**

- Weight is approx. 0.2 lbs. (0.10 kgs.)
- 3/4" wire slot

NYK:023408-6X



**Shield and cap, Bakelite**

- Weight is approx. 0.2 lbs. (0.10 kgs.)
- 1/2" Wire slot

NYK:023408-7X



**Shield and cap, Bakelite**


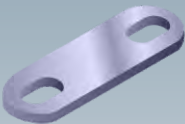
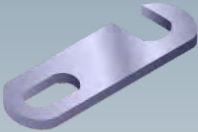
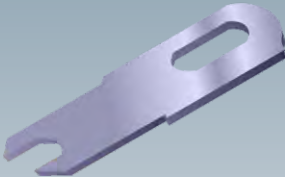
- Weight is approx. 0.2 lbs. (0.10 kgs.)
- (2) 3/4" wire slots

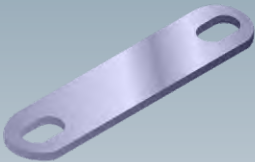
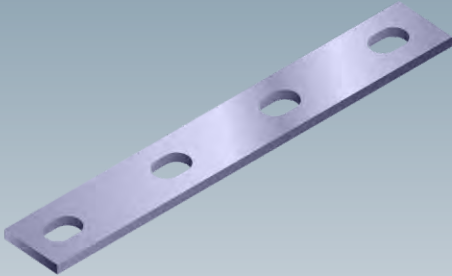
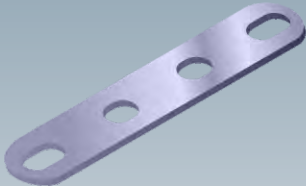
NYK:023408-8X

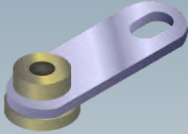

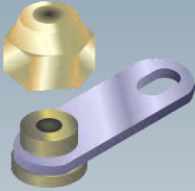
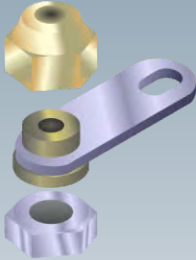



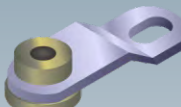
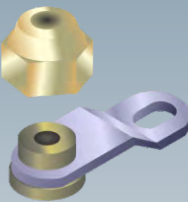
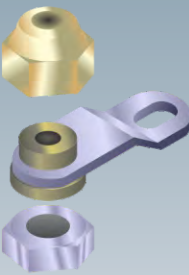
**Shield and cap, Bakelite**

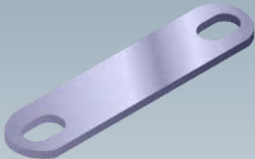
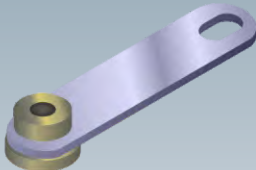
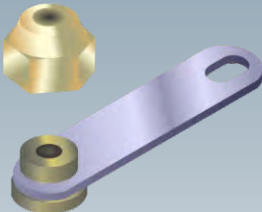
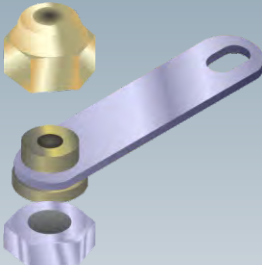
- Weight is approx. 0.2 lbs. (0.10 kgs.)
- (2) 1/2" wire slots

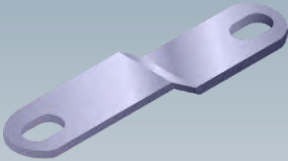
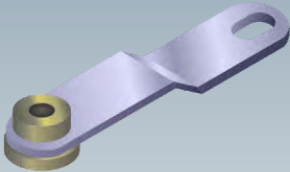
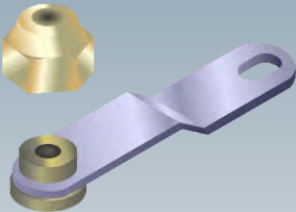
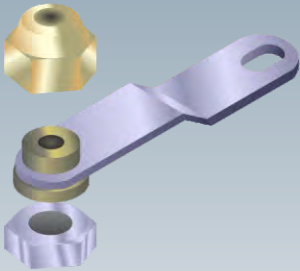
NYK:023837	NYK:023839-2
	
<div><b>Terminal Connector Clip</b><ul style="list-style-type: none"><li>• Weight is approx. 0.1 lbs. (0.05 kgs.)</li><li>• 1" center to center</li><li>• Meets or exceeds AREMA® 14.1.15-1 specification</li></ul></div>	<div><b>Connector Buss</b><ul style="list-style-type: none"><li>• Weight is approx. 0.1 lbs. (0.05 kgs.)</li><li>• 1" center to center</li><li>• Meets or exceeds AREMA® 14.1.15-3 specification</li></ul></div>
NYK:023839-3	NYK:023836
	
<div><b>Connector Buss</b><ul style="list-style-type: none"><li>• Weight is approx. 0.1 lbs. (0.05 kgs.)</li><li>• 1" center to center</li></ul></div>	<div><b>Connector Buss</b><ul style="list-style-type: none"><li>• Weight is approx. 0.2 lbs. (0.10 kgs.)</li><li>• 2 3/8" center to center</li><li>• Meets or exceeds AREMA® 14.1.15-2 specification</li></ul></div>

NYK:023839-1		NYK:023839-5	
			
<p><b>Connector Buss</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.2 lbs. (0.10 kgs.)</li><li>• 2 3/8" center to center</li><li>• Meets or exceeds AREMA® 14.1.15-1 specification</li></ul>		<p><b>Connector Buss</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.6 lbs. (0.30 kgs.) per linear foot (cut to length)</li><li>• 1" center to center</li><li>• Meets or exceeds AREMA® 14.1.15-6 specification</li></ul>	
NYK:023839-21			
			
<p><b>Connector Buss</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.5 lbs. (0.25 kgs.)</li><li>• 1 7/16" to 1 5/8" center to center</li></ul>			

NYK:024620-3X	NYK:024620-13
	
<p><b>Straight Insulated Link</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.3 lbs. (0.15 kgs.)</li><li>• (1) NYK:024620-11 test link</li><li>• (1) NYK:024620-12 insulated bushing</li></ul>	<p><b>Gold Colored Test Nut</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.1 lbs. (0.05 kgs.)</li></ul>
NYK:024620-2X	NYK:024620-1X
	
<p><b>Straight Insulated Link Assembly</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.4 lbs. (0.18 kgs.)</li><li>• (1) NYK:024620-3X straight insulated link</li><li>• (1) NYK:024620-13 gold colored test nut</li></ul>	<p><b>Straight Insulated Link Assembly</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.6 lbs. (0.27 kgs.)</li><li>• (1) NYK:024620-3X straight insulated link</li><li>• (1) NYK:024620-13 gold colored test nut</li><li>• (1) NYK:023832 AAR clamp nut</li></ul>

Tools and Accessories	
<div>NYK:024620-15</div> <div></div> <div><div>Offset Test Link</div><ul style="list-style-type: none"><li>Weight is approx. 0.2 lbs. (0.10 kgs.)</li></ul></div>	<div>NYK:024620-19X</div> <div></div> <div><div>Offset Insulated Link</div><ul style="list-style-type: none"><li>Weight is approx. 0.2 lbs. (0.10 kgs.)</li><li>(1) NYK:024620-15 offset test link</li><li>(1) NYK:024620-12 insulated bushing</li></ul></div>
<div>NYK:024620-11X</div> <div></div> <div><div>Offset Insulated Link Assembly</div><ul style="list-style-type: none"><li>Weight is approx. 0.4 lbs. (0.18 kgs.)</li><li>(1) NYK:024620-3X straight insulated link</li><li>(1) NYK:024620-13 gold colored test nut</li></ul></div>	<div>NYK:024620-7X</div> <div></div> <div><div>Offset Insulated Link Assembly</div><ul style="list-style-type: none"><li>Weight is approx. 0.6 lbs. (0.27 kgs.)</li><li>(1) NYK:024620-3X straight insulated link</li><li>(1) NYK:024620-13 gold colored test nut</li><li>(1) NYK:023832 AAR clamp nut</li></ul></div>

NYK:024620-14	NYK:024620-6X
	
<p><b>Straight Test Link</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.3 lbs. (0.14 kgs.)</li></ul>	<p><b>Straight Insulated Link</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.3 lbs. (0.14 kgs.)</li><li>• (1) NYK:024620-14 straight test link</li><li>• (1) NYK:024620-12 insulated bushing</li></ul>
NYK:024620-5X	NYK:024620-4X
	
<p><b>Straight Insulated Link Assembly</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.7 lbs. (0.32 kgs.)</li><li>• (1) NYK:024620-8X straight insulated link</li><li>• (1) NYK:024620-13 gold colored test nut</li></ul>	<p><b>Straight Insulated Link Assembly</b></p> <ul style="list-style-type: none"><li>• Weight is approx. 0.9 lbs. (0.41 kgs.)</li><li>• (1) NYK:024620-8X straight insulated link</li><li>• (1) NYK:024620-13 gold colored test nut</li><li>• (1) NYK:023832 AAR clamp nut</li></ul>

Tools and Accessories	
<div>NYK:024620-16</div> <div></div> <div><div>Offset Test Link</div><ul style="list-style-type: none"><li>Weight is approx. 0.3 lbs. (0.14 kgs.)</li></ul></div>	<div>NYK:024620-20X</div> <div></div> <div><div>Offset Insulated Link</div><ul style="list-style-type: none"><li>Weight is approx. 0.3 lbs. (0.14 kgs.)</li><li>(1) NYK:024620-16 offset test link</li><li>(1) NYK:024620-12 insulated bushing</li></ul></div>
<div>NYK:024620-12X</div> <div></div> <div><div>Offset Insulated Link Assembly</div><ul style="list-style-type: none"><li>Weight is approx. 0.7 lbs. (0.32 kgs.)</li><li>(1) NYK:024620-8X straight insulated link</li><li>(1) NYK:024620-13 gold colored test nut</li></ul></div>	<div>NYK:024620-8X</div> <div></div> <div><div>Offset Insulated Link Assembly</div><ul style="list-style-type: none"><li>Weight is approx. 0.9 lbs. (0.41 kgs.)</li><li>(1) NYK:024620-8X straight insulated link</li><li>(1) NYK:024620-13 gold colored test nut</li><li>(1) NYK:023832 AAR clamp nut</li></ul></div>

