

2014



## Professional Insulated Tools

Supporting Arc Flash Protection

10,000 Volt Tested  
1000 Volt Rated



#32800

# Complete Insulated Program



## Arc Flash Protection:

Wiha Insulated tools can be a vital component in your Arc Flash protection strategy. What is Arc Flash?

### ARC FLASH

An Arc Flash is an electrical explosion due to a fault condition or short circuit when either a phase to ground or phase to phase conductor is connected. Arc flashes cause electrical equipment to explode, resulting in an arc-plasma fireball. Temperatures may exceed 35,000° F (the surface of the sun is 9000° F). These high temperatures cause rapid heating of surrounding air and extreme pressures, resulting in an arc blast. The arc blast will likely vaporize all solid copper conductors which will expand up to 67,000 times its original volume when it is vaporized. The result of this violent event is usually destruction of the equipment involved, fire, and severe injury or death to any nearby people.

### WHY ARC FLASHES HAPPEN

There are a variety of reasons why an Arc Flash can occur, but most of them are preventable. Most arc flashes occur when maintenance workers are manipulating live equipment for testing or repair and accidentally cause a fault. Improper tools, improper electrical equipment, corrosion of equipment, improper work techniques and lack of training are just some of the events that can lead to a devastating arc flash or arc blast.

### ARC FLASH COMPLIANCE

There are 4 main regulations that govern electrical safety & arc flash:

1. OSHA Standards 29CFR, Part 1910. Occupational Safety and Health Standards. 1910 sub part S (electrical) Standard number 1910.333 specifically addresses Standards for Work Practices and references NFPA 70E. OSHA 29CFR 1910.335 (a) (1)(i) requires the use of protective equipment when working where a potential electrical hazard exists and 29CFR 1910.132(d)(1) which requires the employer assess the workplace for hazards and the need for personal protective equipment. OSHA compliance is required by any plant building or facility.

2. The National Fire Protection Association (NFPA) Standard 70 - 2002 "The National Electrical Code" (NEC) contains requirements for warning labels.

3. NFPA 70E provides guidance on implementing appropriate work practices that are required to safeguard workers from injury while working on or near exposed electrical conductors or circuit parts that could become energized. Part II 2-1.3.3 regarding Arc Flash Analysis states that a "Flash Hazard Analysis shall be done before a person approaches any exposed electrical conductor or circuit part that has not been placed in an electrical safe work condition". This Arc Flash Hazard Analysis must be done to determine the level of Personal Protection Equipment PPE that a worker must use, and the Arc Flash Boundary in inches along with the incident energy found at each location. Each panel must be marked with an ANSI z535 approved Arc Flash Warning Label.

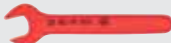
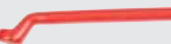
4. The Institute of Electronics and Electrical Engineers (IEEE) 1584 - 2002 Guide to Performing Arc-Flash Hazard Calculations

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<http://www.martinarcflash.com>

### OSHA

Wiha tools assists with compliance of OSHA 29CFR 1910 (Sub Parts electrical standard)

## Wiha Insulated Wrenches

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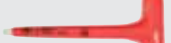
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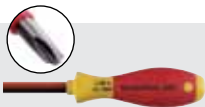
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## Wiha Insulated Open-End Wrenches

### Insulation Test Standards:

Insulation according to ASTM F-1505-01,  
 EN/IEC 60900, VDE 0680, DIN 7446  
 and CSA

Each tool individually  
 tested to 10,000 volts  
 and certified to 1000  
 Volt ac or 1500 Volt dc

**Insulation**  
 High visibility, grip is  
 double coated

**Steel**  
 Forged from chrome  
 vanadium, meets - DIN 3110

Angled 15°

 **1000V**



 **1000V**



### 20190 14 Piece Insulated Inch Open End Wrench Set

| Item No. | Ø     | OAL  | Ø      | OAL  | Weight |
|----------|-------|------|--------|------|--------|
|          | Inch  | Inch | Inch   | Inch | lbs.   |
| 20190    | 5/16  | 3.9  | 3/4    | 7.0  | 5.70   |
|          | 3/8   | 4.1  | 13/16  | 7.5  |        |
|          | 7/16  | 4.6  | 7/8    | 7.6  |        |
|          | 1/2   | 5.5  | 15/16  | 7.9  |        |
|          | 9/16  | 5.7  | 1      | 8.4  |        |
|          | 5/8   | 6.2  | 1-1/16 | 9.2  |        |
|          | 11/16 | 6.5  | 1-1/8  | 9.1  |        |



 **1000V**



### 20091 15 Piece Insulated Metric Open End Wrench Set

| Item No. | Ø <sub>MM</sub> | OAL | Ø <sub>MM</sub> | OAL | Weight |
|----------|-----------------|-----|-----------------|-----|--------|
|          | mm              | mm  | mm              | mm  | lbs.   |
| 20091    | 6.0             | 97  | 14              | 150 | 3.0    |
|          | 7.0             | 98  | 15              | 151 |        |
|          | 8.0             | 104 | 16              | 164 |        |
|          | 9.0             | 108 | 17              | 162 |        |
|          | 10.0            | 107 | 19              | 178 |        |
|          | 11.0            | 118 | 22              | 196 |        |
|          | 12.0            | 129 | 24              | 211 |        |
|          | 13.0            | 137 |                 |     |        |



 **1000V**



### 20192 8 Piece Insulated Inch Open End Wrench Set

| Item No. | Ø    | OAL  | Ø     | OAL  | Weight |
|----------|------|------|-------|------|--------|
|          | Inch | Inch | Inch  | Inch | lbs.   |
| 20192    | 5/16 | 3.9  | 9/16  | 5.7  | 1.59   |
|          | 3/8  | 4.1  | 5/8   | 6.2  |        |
|          | 7/16 | 4.6  | 11/16 | 6.5  |        |
|          | 1/2  | 5.5  | 3/4   | 7.0  |        |



 **1000V**



### 20093 8 Piece Insulated Metric Open End Wrench Set

| Item No. | Ø <sub>MM</sub> | OAL | Ø <sub>MM</sub> | OAL | Weight |
|----------|-----------------|-----|-----------------|-----|--------|
|          | mm              | mm  | mm              | mm  | lbs.   |
| 20093    | 6.0             | 97  | 13.0            | 137 | 1.4    |
|          | 7.0             | 98  | 14.0            | 150 |        |
|          | 8.0             | 104 | 17.0            | 162 |        |
|          | 10.0            | 107 | 19.0            | 178 |        |


 **1000Volt**

**201** Inch Open-End Wrenches, With Insulated Handle

Insulation According to VDE Specification 0680 and EN/IEC 60900, DIN 7446 and CSA, up to 1000 Volt. Individually Tested.

Chrome-vanadium steel, hardened. Angled 15°.

| Item No. |  | OAL  | OAL  |  |  |
|----------|-----------------------------------------------------------------------------------|------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|          | Inch                                                                              | mm   | Inch | lbs.                                                                              | pkg.                                                                              |
| 20131    | 1/4                                                                               | 87.5 | 3.4  | .04                                                                               | 1                                                                                 |
| 20133    | 5/16                                                                              | 100  | 3.9  | .05                                                                               | 1                                                                                 |
| 20135    | 3/8                                                                               | 105  | 4.1  | .09                                                                               | 1                                                                                 |
| 20136    | 7/16                                                                              | 117  | 4.6  | .09                                                                               | 1                                                                                 |
| 20137    | 1/2                                                                               | 140  | 5.5  | .15                                                                               | 1                                                                                 |
| 20138    | 9/16                                                                              | 146  | 5.7  | .15                                                                               | 1                                                                                 |
| 20140    | 5/8                                                                               | 158  | 6.2  | .20                                                                               | 1                                                                                 |
| 20141    | 11/16                                                                             | 165  | 6.5  | .23                                                                               | 1                                                                                 |
| 20142    | 3/4                                                                               | 178  | 7.0  | .33                                                                               | 1                                                                                 |
| 20144    | 13/16                                                                             | 191  | 7.5  | .42                                                                               | 1                                                                                 |
| 20145    | 7/8                                                                               | 192  | 7.6  | .44                                                                               | 1                                                                                 |
| 20146    | 15/16                                                                             | 201  | 7.9  | .51                                                                               | 1                                                                                 |
| 20147    | 1                                                                                 | 213  | 8.4  | .61                                                                               | 1                                                                                 |
| 20148    | 1-1/16                                                                            | 233  | 9.2  | .79                                                                               | 1                                                                                 |
| 20149    | 1-1/8                                                                             | 233  | 9.2  | .77                                                                               | 1                                                                                 |
| 20151    | 1-1/4"                                                                            | 191  | 7.5  | .90                                                                               | 1                                                                                 |
| 20154    | 1-1/2"                                                                            | 191  | 7.5  | .92                                                                               | 1                                                                                 |

\* Lengths are +/- 5% due to coating process


 **1000Volt**

**200** Metric Open-End Wrenches, With Insulated Handle

Insulation According to VDE Specification 0680 and EN/IEC 60900, DIN 7446 and CSA, up to 1000 Volt. Individually Tested.

Chrome-vanadium steel, hardened. Angled 15°.

| Item No. |  | OAL | OAL  |  |  |
|----------|-------------------------------------------------------------------------------------|-----|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|          | mm                                                                                  | mm  | Inch | lbs.                                                                                | pkg.                                                                                |
| 20006    | 6.0                                                                                 | 97  | 3.8  | .04                                                                                 | 1                                                                                   |
| 20007    | 7.0                                                                                 | 98  | 3.9  | .05                                                                                 | 1                                                                                   |
| 20008    | 8.0                                                                                 | 104 | 4.1  | .07                                                                                 | 1                                                                                   |
| 20009    | 9.0                                                                                 | 108 | 4.3  | .07                                                                                 | 1                                                                                   |
| 20010    | 10.0                                                                                | 107 | 4.2  | .08                                                                                 | 1                                                                                   |
| 20011    | 11.0                                                                                | 118 | 4.6  | .11                                                                                 | 1                                                                                   |
| 20012    | 12.0                                                                                | 129 | 5.1  | .11                                                                                 | 1                                                                                   |
| 20013    | 13.0                                                                                | 137 | 5.4  | .19                                                                                 | 1                                                                                   |
| 20014    | 14.0                                                                                | 150 | 5.9  | .19                                                                                 | 1                                                                                   |
| 20015    | 15.0                                                                                | 151 | 5.9  | .17                                                                                 | 1                                                                                   |
| 20016    | 16.0                                                                                | 164 | 6.5  | .22                                                                                 | 1                                                                                   |
| 20017    | 17.0                                                                                | 168 | 6.4  | .24                                                                                 | 1                                                                                   |
| 20018    | 18.0                                                                                | 173 | 6.8  | .41                                                                                 | 1                                                                                   |
| 20019    | 19.0                                                                                | 178 | 7.0  | .32                                                                                 | 1                                                                                   |
| 20020    | 20.0                                                                                | 190 | 6.9  | .36                                                                                 | 1                                                                                   |
| 20022    | 22.0                                                                                | 196 | 7.7  | .39                                                                                 | 1                                                                                   |
| 20024    | 24.0                                                                                | 211 | 8.3  | .58                                                                                 | 1                                                                                   |
| 20027    | 27.0                                                                                | 218 | 8.6  | .68                                                                                 | 1                                                                                   |
| 20030    | 30.0                                                                                | 235 | 9.3  | .97                                                                                 | 1                                                                                   |
| 20032    | 32.0                                                                                | 237 | 9.3  | 1.01                                                                                | 1                                                                                   |

 **1000Volt**


In Tool Box Tray



**20194** 13 Piece Insulated Inch Open End Wrench Set

In Tool Box Tray

| Item No. |  | OAL  |  | OAL  |  |
|----------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|          | Inch                                                                                | Inch | Inch                                                                                | Inch | lbs.                                                                                |
| 20194    | 1/4                                                                                 | 3.4  | 11/16                                                                               | 6.5  | 4.90                                                                                |
|          | 5/16                                                                                | 3.9  | 3/4                                                                                 | 7.0  |                                                                                     |
|          | 3/8                                                                                 | 4.1  | 13/16                                                                               | 7.5  |                                                                                     |
|          | 7/16                                                                                | 4.6  | 7/8                                                                                 | 7.6  |                                                                                     |
|          | 1/2                                                                                 | 5.5  | 15/16                                                                               | 7.9  |                                                                                     |
|          | 9/16                                                                                | 5.7  | 1                                                                                   | 8.4  |                                                                                     |
|          | 5/8                                                                                 | 6.2  |                                                                                     |      |                                                                                     |

In Tool Box Tray


 **1000Volt**


**20196** 13 Pc. Insulated Metric Open End Wrench Set

In Tool Box Tray

| Item No. |  | OAL |  | OAL |  |
|----------|---------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------|
|          | mm                                                                                    | mm  | mm                                                                                    | mm  | lbs.                                                                                  |
| 20196    | 8.0                                                                                   | 104 | 16.0                                                                                  | 164 | 4.90                                                                                  |
|          | 10.0                                                                                  | 107 | 17.0                                                                                  | 168 |                                                                                       |
|          | 11.0                                                                                  | 118 | 18.0                                                                                  | 173 |                                                                                       |
|          | 12.0                                                                                  | 129 | 19.0                                                                                  | 178 |                                                                                       |
|          | 13.0                                                                                  | 137 | 22.0                                                                                  | 196 |                                                                                       |
|          | 14.0                                                                                  | 150 | 24.0                                                                                  | 211 |                                                                                       |
|          | 15.0                                                                                  | 151 |                                                                                       |     |                                                                                       |

## Wiha Insulated Ratchet Wrenches

### Insulation Test Standards:

Insulation according to ASTM F-1505-01,  
 EN/IEC 60900, ISO 3110 and CSA  
 Specification



Each tool individually  
 tested to 10,000 volts  
 and certified to 1000  
 Volt ac or 1500 Volt dc

**Steel**  
 Forged from chrome  
 vanadium, meets - DIN 3110

**1000V**



**1000Volt**

**SHOP**

**213** Inch Insulated Ratchet Wrenches, With Insulated Handle  
 Insulation According to EN/IEC 60900, ISO 3110 Specification,  
 Up To 1000 Volt. Individually Tested.

Blade chrome-vanadium steel, hardened.

| Item No. |  Inch |  mm |  OAL |  OAL |  lbs. |  pkg. |
|----------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 21325    | 3/8                                                                                      | 140                                                                                    | 5.5                                                                                     | .14                                                                                     | 1                                                                                        |                                                                                          |
| 21327    | 7/16                                                                                     | 143                                                                                    | 5.6                                                                                     | .15                                                                                     | 1                                                                                        |                                                                                          |
| 21329    | 1/2                                                                                      | 154                                                                                    | 6.1                                                                                     | .18                                                                                     | 1                                                                                        |                                                                                          |
| 21331    | 9/16                                                                                     | 162                                                                                    | 6.4                                                                                     | .22                                                                                     | 1                                                                                        |                                                                                          |
| 21333    | 5/8                                                                                      | 177                                                                                    | 7.0                                                                                     | .30                                                                                     | 1                                                                                        |                                                                                          |
| 21335    | 3/4                                                                                      | 209                                                                                    | 8.2                                                                                     | .46                                                                                     | 1                                                                                        |                                                                                          |

**1000Volt**

**SHOP**

**212** Metric Insulated Ratchet Wrenches, With Insulated Handle  
 Insulation According to EN/IEC 60900, ISO 3110 Specification,  
 Up To 1000 Volt. Individually Tested.

Blade chrome-vanadium steel, hardened.

| Item No. |  mm |  mm |  OAL |  OAL |  lbs. |  pkg. |
|----------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 21208    | 8.0                                                                                     | 125                                                                                      | 4.9                                                                                       | .08                                                                                       | 1                                                                                          |                                                                                            |
| 21210    | 10.0                                                                                    | 140                                                                                      | 5.5                                                                                       | .12                                                                                       | 1                                                                                          |                                                                                            |
| 21212    | 12.0                                                                                    | 150                                                                                      | 5.9                                                                                       | .18                                                                                       | 1                                                                                          |                                                                                            |
| 21213    | 13.0                                                                                    | 152                                                                                      | 6.0                                                                                       | .18                                                                                       | 1                                                                                          |                                                                                            |
| 21214    | 14.0                                                                                    | 163                                                                                      | 6.4                                                                                       | .22                                                                                       | 1                                                                                          |                                                                                            |
| 21217    | 17.0                                                                                    | 193                                                                                      | 7.6                                                                                       | .38                                                                                       | 1                                                                                          |                                                                                            |
| 21219    | 19.0                                                                                    | 210                                                                                      | 8.3                                                                                       | .45                                                                                       | 1                                                                                          |                                                                                            |



**1000Volt**

**SHOP**

**21391** 6 Piece Inch Insulated Ratchet Wrenches Set

| Item No. |  Inch |  OAL |  Inch |  OAL |  lbs. |
|----------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 21391    | 3/8                                                                                      | 5.5                                                                                     | 9/16                                                                                     | 6.4                                                                                     | 1.95                                                                                     |
|          | 7/16                                                                                     | 5.6                                                                                     | 5/8                                                                                      | 7.0                                                                                     |                                                                                          |
|          | 1/2                                                                                      | 6.1                                                                                     | 3/4                                                                                      | 8.2                                                                                     |                                                                                          |



**1000Volt**

**SHOP**

**21290** 7 Piece Metric Insulated Ratchet Wrenches Set

| Item No. |  mm |  mm |  mm |  OAL |  lbs. |
|----------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 21290    | 8.0                                                                                      | 4.9                                                                                      | 14.0                                                                                     | 6.4                                                                                       | 2.10                                                                                       |
|          | 10.0                                                                                     | 5.5                                                                                      | 17.0                                                                                     | 7.6                                                                                       |                                                                                            |
|          | 12.0                                                                                     | 5.9                                                                                      | 19.0                                                                                     | 8.3                                                                                       |                                                                                            |
|          | 13.0                                                                                     | 6.0                                                                                      |                                                                                          |                                                                                           |                                                                                            |

## Wiha Insulated Deep Offset Ring Wrenches

### Insulation Test Standards:

Insulation according to ASTM F-1505-01, EN/IEC 60900, ISO 3110 and CSA Specification



Steel Forged from chrome vanadium, meets - DIN 3110

Each tool individually tested to 10,000 volts & certified to 1000 Volt ac or 1500 Volt dc

 **1000V**



 **1000V**

**SHOP**

### 210 Insulated Metric Offset Ring Wrenches, Insulation

According to EN/IEC 60900, ISO 3110 Specification, Up To 1000 Volt. Individually Tested. Blade Chrome-Vanadium steel, hardened.

| Item No. | ØMM  | OAL | OAL  | ⚡    | 📦    |
|----------|------|-----|------|------|------|
| No.      | mm   | mm  | Inch | lbs. | pkg. |
| 21008    | 8.0  | 159 | 6.3  | .16  | 1    |
| 21009    | 9.0  | 159 | 6.3  | .18  | 1    |
| 21010    | 10.0 | 171 | 6.8  | .20  | 1    |
| 21011    | 11.0 | 178 | 7.0  | .22  | 1    |
| 21012    | 12.0 | 191 | 7.5  | .30  | 1    |
| 21013    | 13.0 | 194 | 7.6  | .30  | 1    |
| 21014    | 14.0 | 203 | 8.0  | .34  | 1    |
| 21015    | 15.0 | 203 | 8.0  | .34  | 1    |
| 21017    | 17.0 | 219 | 8.6  | .44  | 1    |
| 21019    | 19.0 | 241 | 9.5  | .52  | 1    |
| 21020    | 20.0 | 250 | 9.8  | .58  | 1    |
| 21022    | 22.0 | 257 | 10.1 | .64  | 1    |
| 21024    | 24.0 | 279 | 11.0 | .90  | 1    |
| 21027    | 27.0 | 286 | 11.3 | .96  | 1    |
| 21030    | 30.0 | 311 | 12.3 | 1.28 | 1    |
| 21032    | 32.0 | 318 | 12.5 | 1.38 | 1    |



 **1000V**

**SHOP**

### 21093 15 Piece Metric Insulated Offset Ring Wrenches Set

| Item No. | Metric:                                                                                  |
|----------|------------------------------------------------------------------------------------------|
| 21093    | 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 17.0, 19.0, 22.0, 24.0, 27.0, 30.0, 32.0mm |



**SHOP**

### 21095 8 Piece Metric Insulated Offset Ring Wrenches Set

| Item No. | Metric:                                          | ⚡         |
|----------|--------------------------------------------------|-----------|
| 21095    | 10.0, 11.0, 12.0, 13.0, 14.0, 15.0, 17.0, 19.0mm | lbs. 3.20 |



 **1000V**

**SHOP**

### 210 Insulated Inch Offset Ring Wrenches

| Item No. | ⚙      | ⚡    | 📦    |
|----------|--------|------|------|
| No.      | Inch   | lbs. | pkg. |
| 21040    | 1/4    | .16  | 1    |
| 21042    | 5/16   | .18  | 1    |
| 21044    | 3/8    | .20  | 1    |
| 21046    | 7/16   | .22  | 1    |
| 21048    | 1/2    | .30  | 1    |
| 21050    | 9/16   | .30  | 1    |
| 21052    | 5/8    | .34  | 1    |
| 21054    | 11/16  | .34  | 1    |
| 21056    | 3/4    | .44  | 1    |
| 21057    | 25/32  | .58  | 1    |
| 21058    | 13/16  | .52  | 1    |
| 21060    | 7/8    | .64  | 1    |
| 21062    | 15/16  | .90  | 1    |
| 21064    | 1.0    | .96  | 1    |
| 21066    | 1-1/16 | 1.28 | 1    |
| 21068    | 1-1/4  | 1.38 | 1    |



 **1000V**

**SHOP**

### 21094 15 Piece Inch Insulated Offset Ring Wrenches Set

| Item No. | Inch:                                                                                  |
|----------|----------------------------------------------------------------------------------------|
| 21094    | 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/4" |



**SHOP**

### 21096 8 Piece Inch Insulated Offset Ring Wrenches Set

| Item No. | Inch:                                        | ⚡         |
|----------|----------------------------------------------|-----------|
| 21096    | 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4" | lbs. 3.20 |

## Wiha Insulated Adjustable Wrenches



△ 1000Volt

### 76208 Insulated 8" Adjustable Wrench

Insulation According to ASTM, EN/IEC, NFPA, CSA and ISO Specification, up to 1000 Volt. Individually Tested. Etched on scale for pre-setting size. Slip guard handle for added protection.

| Item No. | OAL<br>Inch | OAL<br>mm | Capacity<br>Opening | Capacity<br>lbs. | Capacity<br>pkg. |
|----------|-------------|-----------|---------------------|------------------|------------------|
| 76208    | 8.0         | 200       | 1"                  | .7               | 1                |

SHOP

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### 76210 Insulated 10" Adjustable Wrench

Insulation According to ASTM, EN/IEC, NFPA, CSA and ISO Specification, up to 1000 Volt. Individually Tested. Etched on scale for pre-setting size. Slip guard handle for added protection.

| Item No. | OAL<br>Inch | OAL<br>mm | Capacity<br>Opening | Capacity<br>lbs. | Capacity<br>pkg. |
|----------|-------------|-----------|---------------------|------------------|------------------|
| 76210    | 10.0        | 250       | 1-1/4"              | 1.4              | 1                |

SHOP

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### 76212 Insulated 12" Adjustable Wrench

Insulation According to ASTM, EN/IEC, NFPA, CSA and ISO Specification, up to 1000 Volt. Individually Tested. Etched on scale for pre-setting size. Slip guard handle for added protection.

| Item No. | OAL<br>Inch | OAL<br>mm | Capacity<br>Opening | Capacity<br>lbs. | Capacity<br>pkg. |
|----------|-------------|-----------|---------------------|------------------|------------------|
| 76212    | 12.0        | 300       | 1-1/2"              | 1.9              | 1                |

SHOP

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### 76215 Insulated 15" Adjustable Wrench

Insulation According to ASTM, EN/IEC, NFPA, CSA and ISO Specification, up to 1000 Volt. Individually Tested. Etched on scale for pre-setting size. Slip guard handle for added protection.

| Item No. | OAL<br>Inch | OAL<br>mm | Capacity<br>Opening | Capacity<br>lbs. | Capacity<br>pkg. |
|----------|-------------|-----------|---------------------|------------------|------------------|
| 76215    | 15.0        | 380       | 1-11/16"            | 2.8              | 1                |

SHOP



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**76290 3 Pc. Insulated Adjustable Wrenches** Etched on scale for pre-setting size. Slip guard handle for added protection.

| Item No. | Set includes the following:          |
|----------|--------------------------------------|
| 76290    | 8.0", 10.0", 12.0" Adjustable Pliers |

SHOP

## Wiha Insulated Electrician's Knives

### Insulation Test Standards:

Insulation according to ASTM, EN/IEC, VDE & CSA Specification Individually tested



Insulation molded on for permanent bonding

△ 1000V

Each tool individually tested to 10,000 volts & rated to 1000 Volt ac or 1500 Volt dc



△ 1000Volt

**15000 Insulated Electrician's Cable Stripping Knife, With Insulated Handle, Insulation According To VDE Specification, Up To 1000 Volt. Individually Tested.**

Blade tool steel, hardened, molded directly on. Cover included.

| Item No. | Blade<br>mm | OAL<br>mm | OAL<br>Inch | Capacity<br>lbs. | Capacity<br>pkg. |
|----------|-------------|-----------|-------------|------------------|------------------|
| 15000    | 50          | 216       | 8.5         | .30              | 1                |

SHOP



△ 1000Volt

**15003 Insulated Electrician's Cable Stripping Knife, With Insulated Handle, Insulation According To VDE Specification, Up To 1000 Volt. Individually Tested.** Straight, partly insulated, strong blade. Insulation molded directly on. Cover included.

| Item No. | Blade<br>mm | OAL<br>mm | OAL<br>Inch | Capacity<br>lbs. | Capacity<br>pkg. |
|----------|-------------|-----------|-------------|------------------|------------------|
| 15003    | 50          | 230       | 9.0         | .23              | 1                |

SHOP



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**15050 Insulated Stripping Knife, With Insulated Handle Insulation According To VDE Specification, Up To 1000 Volt. Individually Tested.** Blade tool steel, hardened. Insulation molded directly on. Hooked cutting edge, half-round ground. Cover included.

| Item No. | Blade<br>mm | OAL<br>mm | OAL<br>Inch | Capacity<br>lbs. | Capacity<br>pkg. |
|----------|-------------|-----------|-------------|------------------|------------------|
| 15050    | 35          | 222       | 8.75        | .22              | 1                |

SHOP

## Wiha Insulated Hex L-keys

**Insulation Test Standards:**  
Insulation according to ASTM,  
F-1505-01, EN/IEC 60900  
and CSA



### Insulation

Applied directly  
onto blade for  
permanent  
bonding

**1000V**

Each tool individually  
tested to 10,000 volts  
and certified to 1000  
Volt ac or 1500 Volt dc



**1000Volt**

**SHOP**

### 136 Inch Insulated Hex L-keys, With Insulated Handle

Insulation According to IEC 60900 Specification, Up To 1000 Volt.  
Individually Tested. Blade chrome-vanadium steel, hardened.

| Item No. | Hex  | OAL | OAL  | Weight | Pkg. |
|----------|------|-----|------|--------|------|
|          | Inch | mm  | Inch | lbs.   |      |
| 13670    | 1/16 | 79  | 3.1  | .05    | 1    |
| 13671    | 5/64 | 84  | 3.3  | .05    | 1    |
| 13672    | 3/32 | 89  | 3.5  | .05    | 1    |
| 13673    | 7/64 | 94  | 3.7  | .06    | 1    |
| 13663    | 1/8  | 104 | 4.1  | .06    | 1    |
| 13665    | 5/32 | 104 | 4.1  | .06    | 1    |
| 13666    | 3/16 | 134 | 5.3  | .10    | 1    |
| 13667    | 7/32 | 134 | 5.3  | .12    | 1    |
| 13668    | 1/4  | 134 | 5.3  | .16    | 1    |
| 13669    | 5/16 | 144 | 5.7  | .24    | 1    |
| 13662    | 3/8  | 234 | 9.2  | .51    | 1    |
| 13664    | 1/2  | 234 | 9.2  | .77    | 1    |



**1000Volt**

**SHOP**

### 136 Metric Insulated Hex L-keys, With Insulated Handle

Insulation According to IEC 60900 Specification, Up To 1000 Volt.  
Individually Tested. Blade chrome-vanadium steel, hardened.

| Item No. | Hex | OAL | OAL  | Weight | Pkg. |
|----------|-----|-----|------|--------|------|
|          | mm  | mm  | Inch | lbs.   |      |
| 13650    | 1.5 | 100 | 3.9  | .09    | 1    |
| 13651    | 2.0 | 105 | 4.1  | .09    | 1    |
| 13652    | 2.5 | 115 | 4.5  | .09    | 1    |
| 13653    | 3   | 130 | 5.1  | .10    | 1    |
| 13654    | 4   | 120 | 4.7  | .10    | 1    |
| 13655    | 5   | 140 | 5.5  | .10    | 1    |
| 13656    | 6   | 140 | 5.5  | .13    | 1    |
| 13658    | 8   | 150 | 5.9  | .24    | 1    |
| 13659    | 10  | 220 | 8.7  | .51    | 1    |
| 13657    | 12  | 260 | 10.2 | .77    | 1    |



#13691

#13690

**1000Volt**

**SHOP**

### 13690 8 Piece Insulated Inch Hex L-key Set

| Item No. | Hex  | OAL  | Hex  | OAL  | Weight |
|----------|------|------|------|------|--------|
|          | Inch | Inch | Inch | Inch | lbs.   |
| 13690    | 1/8  | 4.1  | 1/4  | 5.3  | 2.17   |
|          | 5/32 | 4.1  | 5/16 | 5.7  |        |
|          | 3/16 | 5.3  | 3/8  | 9.2  |        |
|          | 7/32 | 5.3  | 1/2  | 9.2  |        |

### 13691 7 Piece Insulated Metric Hex L-key Set **1000Volt**

| Item No. | Hex | OAL | Hex  | OAL | Weight |
|----------|-----|-----|------|-----|--------|
|          | mm  | mm  | mm   | mm  | lbs.   |
| 13691    | 3.0 | 130 | 8.0  | 150 | 2.07   |
|          | 4.0 | 120 | 10.0 | 220 |        |
|          | 5.0 | 140 | 12.0 | 260 |        |
|          | 6.0 | 140 |      |     |        |



**1000Volt**

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### 13693 10 Piece Insulated Metric Hex L-key Set **1000Volt**

| Item No. | Hex | OAL | Hex  | OAL | Weight |
|----------|-----|-----|------|-----|--------|
|          | mm  | mm  | mm   | mm  | lbs.   |
| 13693    | 1.5 | 100 | 5.0  | 140 | 2.26   |
|          | 2.0 | 105 | 6.0  | 140 |        |
|          | 2.5 | 115 | 8.0  | 150 |        |
|          | 3.0 | 130 | 10.0 | 220 |        |
|          | 4.0 | 120 | 12.0 | 260 |        |

**1000Volt**

**SHOP**

### 13694 12 Piece Insulated Inch Hex L-key Set **1000Volt**

| Item No. | Hex  | OAL  | Hex  | OAL  | Weight |
|----------|------|------|------|------|--------|
|          | Inch | Inch | Inch | Inch | lbs.   |
| 13694    | 1/16 | 3.1  | 3/16 | 5.3  | 2.40   |
|          | 5/64 | 3.3  | 7/32 | 5.3  |        |
|          | 3/32 | 3.5  | 1/4  | 5.3  |        |
|          | 7/64 | 3.7  | 5/16 | 5.7  |        |
|          | 1/8  | 4.1  | 3/8  | 9.2  |        |
|          | 5/32 | 4.1  | 1/2  | 9.2  |        |

## Wiha Insulated Hex Bit Sockets



 **1000Volt**



**318 Insulated 3/8" Drive Sockets - Insulation according to EN/IEC 60900, DIN 7448 Specification, Up To 1000 Volt.**

**Individually Tested.** Chrome-vanadium steel, forged, oil-hardened.

| Item No. | Inch | OAL  | lbs. | pkg. |
|----------|------|------|------|------|
| 31805    | 3/16 | 3.1" | .13  | 1    |
| 31807    | 7/32 | 3.1" | .14  | 1    |
| 31809    | 1/4  | 3.1" | .14  | 1    |
| 31811    | 5/16 | 3.1" | .16  | 1    |
| 31813    | 3/8  | 3.1" | .18  | 1    |
| 31815    | 7/16 | 3.1" | .20  | 1    |
| 31817    | 1/2  | 3.1" | .22  | 1    |

\*Sockets must be used with insulated ratchets & extensions



 **1000Volt**



**31890 7 Pc. Insulated 3/8" Drive Socket Set - Inch**

CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

| Item No. | Set includes the following:            |
|----------|----------------------------------------|
| 31890    | 3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2" |

 lbs. 1.7

### WARNING!

Insulated Tools are intended to provide protection against accidental contact with charged energized circuits. For maximum safety we recommend de-energizing all circuits whenever possible before starting work on electrical apparatus or conductors. Always visually inspect insulation on tools before use, do not use tools if insulation shows signs of wear or damage to the insulated areas of the tool. Wear appropriate eye protection when using hand tools. Use NFPA70E certified insulated protective outer wear when appropriate.

### Use & Care Guide For Insulated Tools:

Store tools to minimize risk of damage to insulation, always wear approved eye protection, Inspect insulation prior to each use of any insulated tool. Use insulated tools where the ambient temperature is between -20 to +70° C. Have a qualified safety technician visually inspect insulation on tools annually for safe use.

## Wiha Insulated 1/4" Sockets & Sets

Inch -  
6 Point



 **1000Volt**



**313 Insulated 1/4" Drive Sockets-6 Point, Insulation According To ASTM F-1505-01, DIN 7448 & CSA Specification, Up To 1000 Volt.**

**Individually Tested.** Chrome-vanadium steel, forged, oil-hardened.

| Item No. | Inch  | lbs. | pkg. |
|----------|-------|------|------|
| 31336    | 3/16  | .03  | 1    |
| 31337    | 7/32  | .03  | 1    |
| 31338    | 1/4   | .03  | 1    |
| 31339    | 9/32  | .04  | 1    |
| 31340    | 5/16  | .04  | 1    |
| 31341    | 11/32 | .05  | 1    |
| 31342    | 3/8   | .05  | 1    |
| 31343    | 7/16  | .06  | 1    |
| 31344    | 1/2   | .07  | 1    |
| 31345    | 9/16  | .07  | 1    |

\*Sockets must be used with insulated ratchets & extensions

Metric -  
6 Point



 **1000Volt**



**313 Insulated 1/4" Drive Sockets-6 Point, Insulation According To ASTM F-1505-01, DIN 7448 & CSA Specification, Up To 1000 Volt.**

**Individually Tested.** Chrome-vanadium steel, forged, oil-hardened.

| Item No. | mm   | lbs. | pkg. |
|----------|------|------|------|
| 31326    | 5.0  | .03  | 1    |
| 31327    | 6.0  | .03  | 1    |
| 31328    | 7.0  | .03  | 1    |
| 31329    | 8.0  | .04  | 1    |
| 31330    | 9.0  | .04  | 1    |
| 31331    | 10.0 | .05  | 1    |
| 31332    | 11.0 | .05  | 1    |
| 31333    | 12.0 | .06  | 1    |
| 31334    | 13.0 | .06  | 1    |
| 31335    | 14.0 | .07  | 1    |

\*Sockets must be used with insulated ratchets & extensions



 **1000Volt**



**12851 Insulated 1/4" Drive Ratchet, EN/IEC 60900 & CSA**  
Chrome-Vanadium steel. Reversible.

| Item No. | Inch | OAL | lbs. | pkg. |
|----------|------|-----|------|------|
| 12851    | 1/4" | 140 | 5.5  | .28  |

## Wiha Insulated 1/4" Sockets & Sets



△1000Volt

[SHOP](#)

### 31390 13 Piece Insulated 1/4" Drive Socket Set - Inch

CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

**Item No. 31390** Set includes the following:

|                                                                                  |                                     |
|----------------------------------------------------------------------------------|-------------------------------------|
|  | 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, |
| lbs.                                                                             | 3/8, 7/16, 1/2, 9/16"               |
| 1.39                                                                             | 1/4" x 50mm Extension Bar           |
|                                                                                  | 1/4" x 100mm Extension Bar          |
|                                                                                  | 1/4" Ratchet - 140mm                |



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### 31391 13 Piece Insulated 1/4" Drive Socket Set - Metric

CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

**Item No. 31391** Set includes the following:

|                                                                                    |                                     |
|------------------------------------------------------------------------------------|-------------------------------------|
|  | 5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm |
| lbs.                                                                               | 1/4" x 50mm Extension Bar           |
| 1.41                                                                               | 1/4" x 100mm Extension Bar          |
|                                                                                    | 1/4" Ratchet - 140mm                |



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### 31394 11 Piece Insulated 1/4" T-handle & Socket Set - Inch

CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

**Item No. 31394** Set includes the following:

|                                                                                    |                                     |
|------------------------------------------------------------------------------------|-------------------------------------|
|  | 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, |
| lbs.                                                                               | 3/8, 7/16, 1/2, 9/16"               |
| 1.40                                                                               | Insulated 1/4" T-handle             |



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### 31395 11 Piece Insulated 1/4" T-handle & Socket Set - Metric

CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

**Item No. 31395** Set includes the following:

|                                                                                   |                                     |
|-----------------------------------------------------------------------------------|-------------------------------------|
|  | 5, 6, 7, 8, 9, 10, 11, 12, 13, 14mm |
| lbs. 1.40                                                                         | Insulated 1/4" T-handle             |

Each tool individually tested to 10,000 volts & certified to 1000 Volt ac or 1500 Volt dc

## Wiha Insulated 1/4" Socket accessories



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### 29006 Insulated 1/4" Drive T-handle, With Insulated Handle

Insulation according to EN/IEC 60900 & CSA specification, up to 1000 Volt. Individually Tested. Blade CV steel, hardened.

| Item  |  | OAL | OAL  |  |  |
|-------|-------------------------------------------------------------------------------------|-----|------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| No.   | Inch                                                                                | mm  | Inch | lbs.                                                                                  | pkg.                                                                                  |
| 29006 | 1/4                                                                                 | 160 | 6.2" | .57                                                                                   | 1                                                                                     |



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### 128 Insulated 1/4" Extension Bars, ASTM F-1505-01, EN/IEC 60900 & CSA Chrome-Vanadium steel.

| Item  |      | OAL | OAL  |  |  |
|-------|------|-----|------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| No.   | Inch | mm  | Inch | lbs.                                                                                  | pkg.                                                                                  |
| 12854 | 1/4" | 50  | 2.0  | .08                                                                                   | 1                                                                                     |
| 12855 | 1/4" | 100 | 3.9  | .12                                                                                   | 1                                                                                     |

## Wiha Insulated 3/8" Sockets & Sets



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**314** Insulated 3/8" Drive Sockets - Insulation according to EN/IEC 60900, DIN 7448 & CSA specification, up to 1000 Volt. Individually Tested. CV steel, forged, oil-hardened.

| Item  |       |      |      |
|-------|-------|------|------|
| No.   | Inch  | lbs. | pkg. |
| 31425 | 1/4   | .07  | 1    |
| 31428 | 9/32  | .07  | 1    |
| 31429 | 5/16  | .07  | 1    |
| 31430 | 11/32 | .07  | 1    |
| 31431 | 3/8   | .08  | 1    |
| 31432 | 7/16  | .08  | 1    |
| 31433 | 1/2   | .10  | 1    |
| 31434 | 9/16  | .10  | 1    |
| 31435 | 5/8   | .10  | 1    |
| 31436 | 11/16 | .13  | 1    |
| 31437 | 3/4   | .14  | 1    |
| 31438 | 13/16 | .17  | 1    |
| 31439 | 7/8   | .18  | 1    |

\*Sockets must be used with insulated ratchets & extensions



 **1000Volt**



**315** Insulated 3/8" Drive Sockets- **Metric** Insulation according to VDE, EN/IEC 60900, DIN 7448 & CSA specification, up to 1000 Volt. Individually Tested. Chrome-vanadium steel, forged, oil-hardened.

| Item  |      |      |      |
|-------|------|------|------|
| No.   | mm   | lbs. | pkg. |
| 31506 | 6.0  | .07  | 1    |
| 31507 | 7.0  | .07  | 1    |
| 31508 | 8.0  | .07  | 1    |
| 31509 | 9.0  | .07  | 1    |
| 31510 | 10.0 | .07  | 1    |
| 31511 | 11.0 | .08  | 1    |
| 31512 | 12.0 | .10  | 1    |
| 31513 | 13.0 | .10  | 1    |
| 31514 | 14.0 | .10  | 1    |
| 31515 | 15.0 | .10  | 1    |
| 31516 | 16.0 | .10  | 1    |
| 31517 | 17.0 | .11  | 1    |
| 31518 | 18.0 | .12  | 1    |
| 31519 | 19.0 | .14  | 1    |
| 31520 | 20.0 | .15  | 1    |
| 31521 | 21.0 | .17  | 1    |
| 31522 | 22.0 | .18  | 1    |
| 31524 | 24.0 | .26  | 1    |

\*Sockets must be used with insulated ratchets & extensions

## Wiha Insulated 3/8" Sockets & Sets



 **1000Volt**



**31493** 10 Piece Insulated 3/8" Drive Socket Set - Inch

CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. 31493** Set includes the following:

|                                                                                   |                            |
|-----------------------------------------------------------------------------------|----------------------------|
|  | 5/16, 3/8, 7/16, 1/2,      |
| lbs.                                                                              | 9/16, 5/8, 11/16, 3/4"     |
| 2.50                                                                              | 3/8" x 125mm Extension Bar |
|                                                                                   | 3/8" Ratchet - 190mm       |



 **1000Volt**



**31590** 10 Piece Insulated 3/8" Drive Socket Set - **Metric**

CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. 31590** Set includes the following:

|                                                                                     |                                 |
|-------------------------------------------------------------------------------------|---------------------------------|
|  | 8, 10, 11, 12, 13, 14, 17, 19mm |
| lbs.                                                                                | 3/8" x 125mm Extension Bar      |
| 2.50                                                                                | 3/8" Ratchet - 190mm            |



 **1000Volt**



**31491** 16 Piece Insulated 3/8" Drive Socket Set - Inch/**Metric**

CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. 31491** Set includes the following:

|                                                                                     |                                 |
|-------------------------------------------------------------------------------------|---------------------------------|
|  | 5/16, 3/8, 7/16, 1/2,           |
| lbs.                                                                                | 9/16, 5/8, 11/16, 3/4"          |
| 2.01                                                                                | 8, 10, 11, 12, 13, 14, 17, 19mm |

## Wiha Insulated 3/8" Sockets & Sets



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### 31495 24 Piece Insulated 3/8" Drive Socket Set - Inch

CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. 31495 Set includes the following:**

1/4, 9/32, 5/16, 11/32, 3/8, 7/16

1/2, 9/16, 5/8, 11/16, 3/4" Sockets

lbs. 3/8" x 125mm Extension Bar

9.07 3/8" x 250mm Extension Bar

3/8" Ratchet - 190mm

Insulated Electrician's Knife - 50mm

**Slotted:** 3.5, 4.5, 6.5mm

**Phillips:** 1, 2, 3

6.3" Long Nose Pliers

8.0" Combo Pliers

6.3" Diagonal Cutters

\*Sockets must be used with insulated ratchets & extensions



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### 31592 24 Piece Insulated 3/8" Drive Socket Set - Metric

CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. 31592 Set includes the following:**

6, 7, 8, 9, 10, 11, 12,

13, 14, 17, 19mm Sockets

lbs. 3/8" x 125mm Extension Bar

9.08 3/8" x 250mm Extension Bar

3/8" Ratchet - 190mm

Insulated Electrician's Knife - 50mm

**Slotted:** 3.5, 4.5, 6.5mm

**Phillips:** 1, 2, 3

6.3" Long Nose Pliers

8.0" Combo Pliers

6.3" Diagonal Cutters

\*Sockets must be used with insulated ratchets & extensions



1000Volt

SHOP

### 31496 10 Piece Insulated 3/8" T-handle & Socket Set - Inch

CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

**Item No. 31496 Set includes the following:**

5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"

lbs. 3/8" x 125mm Extension Bar

2.47 Insulated 3/8" T-handle

### 31595 10 Piece Insulated 3/8" T-handle & Socket Set - Metric

CV steel, forged, oil-hardened sockets. Insulated after EN/IEC 60900.

**Item No. 31595 Set includes the following:**

8, 10, 11, 12, 13, 14, 17, 19mm

lbs. 3/8" x 125mm Extension Bar

2.47 Insulated 3/8" T-handle

## Wiha Insulated 3/8" Socket accessories



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### 12852 Insulated 3/8" Drive Ratchet, EN/IEC 60900

CV steel. Socket release button. Thumb lever for rapid reverse.

| Item No. | Inch | OAL mm | OAL Inch | lbs. | pkg. |
|----------|------|--------|----------|------|------|
| 12852    | 3/8" | 190    | 7.5      | .93  | 1    |

1000Volt

SHOP

### 128 Insulated 3/8" Extension Bars, EN/IEC 60900

Chrome-Vanadium steel.

| Item No. | Inch | OAL mm | OAL Inch | lbs. | pkg. |
|----------|------|--------|----------|------|------|
| 12856    | 3/8" | 125    | 4.9      | .41  | 1    |
| 12857    | 3/8" | 250    | 9.8      | .57  | 1    |

1000Volt



#29009

#12327

SHOP

### 1000Volt Insulated 3/8" Drive T-handle Or Breaker Bar

Insulation according to EN/IEC 60900 specification, up to 1000 Volt Rated. Individually Tested. Blade chrome-vanadium steel, hardened.

| Item No. | Inch | OAL mm | OAL Inch | lbs. | pkg. |
|----------|------|--------|----------|------|------|
| 29009    | 3/8" | 200    | 7.9"     | .55  | 1    |
| 12327    | 3/8" | 225    | 9.0"     | .68  | 1    |

## Wiha Insulated 1/2" Sockets & Sets

### 1000Volt



[SHOP](#)

**317** Insulated 1/2" Drive Sockets - Insulation According to ASTM F-1505-01, DIN 7448 & CSA Specification, Up To 1000 Volt. Individually Tested. CV steel, forged, oil-hardened.

| Item  |       |      |      |
|-------|-------|------|------|
| No.   | Inch  | lbs. | pkg. |
| 31703 | 5/16  | .16  | 1    |
| 31704 | 11/32 | .16  | 1    |
| 31705 | 3/8   | .16  | 1    |
| 31707 | 7/16  | .16  | 1    |
| 31708 | 1/2   | .16  | 1    |
| 31709 | 9/16  | .17  | 1    |
| 31710 | 5/8   | .19  | 1    |
| 31712 | 11/16 | .19  | 1    |
| 31713 | 3/4   | .21  | 1    |
| 31714 | 13/16 | .23  | 1    |
| 31715 | 7/8   | .27  | 1    |
| 31716 | 15/16 | .35  | 1    |
| 31718 | 1     | .33  | 1    |
| 31720 | 1-1/8 | .44  | 1    |
| 31722 | 1-1/4 | .58  | 1    |

\*Sockets must be used with insulated ratchets & extensions

### 1000Volt



Individually Tested



[SHOP](#)

**316** Insulated 1/2" Drive Sockets - **Metric** Insulation According to VDE, DIN 7448 & CSA Specification, Up To 1000 Volt.

| Item  |      |      |      |
|-------|------|------|------|
| No.   | mm   | lbs. | pkg. |
| 31608 | 8.0  | .15  | 1    |
| 31609 | 9.0  | .15  | 1    |
| 31610 | 10.0 | .16  | 1    |
| 31611 | 11.0 | .16  | 1    |
| 31612 | 12.0 | .16  | 1    |
| 31613 | 13.0 | .17  | 1    |
| 31614 | 14.0 | .17  | 1    |
| 31615 | 15.0 | .17  | 1    |
| 31616 | 16.0 | .19  | 1    |
| 31617 | 17.0 | .19  | 1    |
| 31618 | 18.0 | .20  | 1    |
| 31619 | 19.0 | .21  | 1    |
| 31620 | 20.0 | .25  | 1    |
| 31621 | 21.0 | .25  | 1    |
| 31622 | 22.0 | .28  | 1    |
| 31623 | 23.0 | .29  | 1    |
| 31624 | 24.0 | .30  | 1    |
| 31626 | 26.0 | .37  | 1    |
| 31627 | 27.0 | .41  | 1    |
| 31628 | 28.0 | .44  | 1    |
| 31630 | 30.0 | .51  | 1    |
| 31632 | 32.0 | .55  | 1    |

\*Sockets must be used with insulated ratchets & extensions

## Wiha Insulated 1/2" Sockets & Sets

Inch



### 1000Volt

[SHOP](#)

**31790** 24 Piece Insulated 1/2" Drive Socket Set - Inch

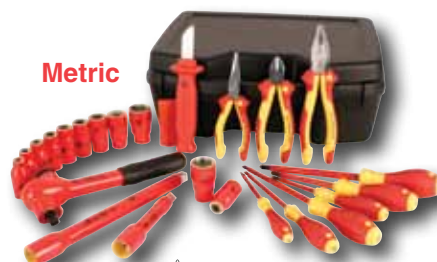
CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. Set includes the following:**

|                                                                                   |                                                                      |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------|
| <b>31790</b>                                                                      | 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1" Sockets |
|  | 1/2" x 125mm Extension Bar                                           |
| lbs.                                                                              | 1/2" x 250mm Extension Bar                                           |
| 11.41                                                                             | 1/2" Ratchet - 260mm                                                 |
|                                                                                   | Insulated Electrician's Knife - 50mm                                 |
|                                                                                   | <b>Slotted:</b> 3.5, 4.5, 6.5mm & <b>Phillips:</b> 1, 2, 3           |
|                                                                                   | 6.3" Long Nose Pliers                                                |
|                                                                                   | 8.0" Combo Pliers                                                    |
|                                                                                   | 6.3" Diagonal Cutters                                                |

Each tool individually tested to 10,000 volts & certified to 1000 Volt ac or 1500 Volt dc

Metric



### 1000Volt

[SHOP](#)

**31691** 24 Piece Insulated 1/2" Drive Socket Set - Metric

CV steel, forged, oil-hardened sockets. Insulated to EN/IEC 60900.

**Item No. Set includes the following:**

|                                                                                     |                                                            |
|-------------------------------------------------------------------------------------|------------------------------------------------------------|
| <b>31691</b>                                                                        | 8, 9, 10, 12, 13, 14, 15, 17, 19, 22, 24mm Sockets         |
|  | 1/2" x 125mm Extension Bar                                 |
| lbs.                                                                                | 1/2" x 250mm Extension Bar                                 |
| 11.39                                                                               | 1/2" Ratchet - 260mm                                       |
|                                                                                     | Insulated Electrician's Knife - 50mm                       |
|                                                                                     | <b>Slotted:</b> 3.5, 4.5, 6.5mm & <b>Phillips:</b> 1, 2, 3 |
|                                                                                     | 6.3" Long Nose Pliers                                      |
|                                                                                     | 8.0" Combo Pliers                                          |
|                                                                                     | 6.3" Diagonal Cutters                                      |



### 1000Volt

[SHOP](#)

**12326** Insulated 1/2" Drive Breaker Bar, IEC/EN 60900 & CSA  
Chrome-Vanadium steel.

| Item  | OAL  | OAL |      |      |
|-------|------|-----|------|------|
| No.   | Inch | mm  | lbs. | pkg. |
| 12326 | 1/2" | 275 | 11.0 | 1.04 |

## Wiha Insulated 1/2" Socket accessories

### 1000Volt

**12853** Insulated 1/2" Drive Ratchet, IEC/EN 60900 & CSA

Chrome-Vanadium steel. Reversible.

| Item  | OAL  | OAL |      |      |      |
|-------|------|-----|------|------|------|
| No.   | Inch | mm  | Inch | lbs. | pkg. |
| 12853 | 1/2" | 260 | 10.2 | 1.55 | 1    |



[SHOP](#)

### 1000Volt

**128** Insulated 1/2" Extension Bars, EN/IEC 60900 & CSA

Chrome-vanadium steel.

| Item  | OAL  | OAL |      |      |      |
|-------|------|-----|------|------|------|
| No.   | Inch | mm  | Inch | lbs. | pkg. |
| 12858 | 1/2" | 125 | 4.9  | .45  | 1    |
| 12859 | 1/2" | 250 | 9.8  | .91  | 1    |



[SHOP](#)

### 1000Volt

**29012** Insulated 1/2" Drive T-handle, With Insulated Handle

Insulation according to EN/IEC 60900 & CSA Specification, Up To 1000 Volt. Individually Tested. Blade VC steel, hardened.

| Item  | OAL  | OAL |      |      |      |
|-------|------|-----|------|------|------|
| No.   | Inch | mm  | Inch | lbs. | pkg. |
| 29012 | 1/2" | 200 | 7.9" | .68  | 1    |



[SHOP](#)

Uses standard  
12" blade

### 1000Volt

**19767** Hacksaw, With Insulated Handle

Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification, Up To 1000 Volt. Individually Tested.

| Item  | OAL   | OAL   |      |      |  |
|-------|-------|-------|------|------|--|
| No.   | mm    | Inch  | lbs. | pkg. |  |
| 19767 | 457mm | 18.0" | 1.92 | 1    |  |



[SHOP](#)

### 1000Volt

**29240** Waterpump Pliers, With Insulated Handle

Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification, Up To 1000 Volt. Individually Tested.

Box joint. Chrome-vanadium steel, drop forged, oil hardened.

| Item  | OAL | OAL  | Capacity |      |      |
|-------|-----|------|----------|------|------|
| No.   | mm  | Inch | mm       | lbs. | pkg. |
| 29240 | 240 | 9.5  | 7/8"     | 1.1  | 1    |



[SHOP](#)

## Wiha Insulated Cable Cutters



For cutting solid  
aluminum & copper  
conductors

### 1000Volt

**11950** Cable Cutter, With Insulated Handle

Insulation According to EN/IEC 60900, ASTM F-1505 & CSA

Specification, Up To 1000 Volt. Individually Tested.

Blade alloyed tool steel. Induction hardened.

| Item  | OAL | OAL  | Capacity |      |      |
|-------|-----|------|----------|------|------|
| No.   | mm  | Inch | mm       | lbs. | pkg. |
| 11950 | 500 | 19.6 | 12       | 3.0  | 1    |

[SHOP](#)

For cutting multi strand aluminum & copper cables

31.5"



### 1000Volt

**40800** Large Capacity Cable Cutter, With Insulated Handle

Insulation According to EN/IEC 60900, ASTM F-1505 & CSA

Specification, Up to 1000 Volt. Individually Tested.

Easy cutting blades, dropped forged, oil hardened. Cuts cable diameters up to 50mm. Not to be used on steel rods.

| Item  | OAL | OAL  | Capacity |      |      |
|-------|-----|------|----------|------|------|
| No.   | mm  | Inch | mm       | lbs. | pkg. |
| 40800 | 800 | 31.5 | 50       | 8.0  | 1    |

[SHOP](#)



For cutting  
solid aluminum,  
copper & medium  
hard wires

### 1000Volt

**29250** End Cutters, With Insulated Handle. Insulation According

to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification.

Individually Tested. Blade alloyed tool steel. Induction hardened.

| Item  | OAL | OAL  | Capacity |      |      |
|-------|-----|------|----------|------|------|
| No.   | mm  | Inch | mm       | lbs. | pkg. |
| 29250 | 250 | 10   | 7/8"     | 1.1  | 1    |

[SHOP](#)



### 1000Volt

**116** Waterpump Pliers, With Insulated Handle

Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification, Up To 1000 Volt. Individually Tested.

Chrome-vanadium steel, drop forged, oil hardened.

| Item  | OAL | OAL   |      |      |  |
|-------|-----|-------|------|------|--|
| No.   | mm  | Inch  | lbs. | pkg. |  |
| 11625 | 250 | 10.0" | 1.2  | 1    |  |
| 11630 | 300 | 12.0" | 1.8  | 1    |  |

[SHOP](#)

## Wiha Insulated Ratcheting Cable Cutters

**Insulation:** VDE, EN/IEC, ASTM, NFPA70E, CSA & OSHA  
Tested to 10,000 volts with 1000 volts safety rating



[SHOP](#)

 **1000Volt**

### 119 High Voltage Double-Insulated Ratcheting Cable Cutters

High leverage ratchet cable cutter with shear type blades cuts stranded and flexible copper and aluminum cable. Not for use on steel. Features built in safety release in all cutting positions, and high-visibility comfort grip handles.

| Item No. | OAL mm | OAL Inch | up to MCM | Inch Dia. | Capacity | lbs. | pkg. |
|----------|--------|----------|-----------|-----------|----------|------|------|
| 11960    | 250    | 10.0"    | 500       | 1.25"     | 32ml     | 1.58 | 1    |
| 11975    | 280    | 11.0"    | 750       | 2.0"      | 52ml     | 2.02 | 1    |



 **1000Volt**

[SHOP](#)

### 11980 Insulated ACSR Ratcheting Cable Cutter

Replaceable tool steel cutting blades are securely mounted for accurate cutting. Handles lock in closed position for easier storage. High leverage ratchet mechanism for best cutting performance.

| Item No. | OAL mm | OAL Inch | up to MCM | Inch Dia. | Capacity | lbs. | pkg. |
|----------|--------|----------|-----------|-----------|----------|------|------|
| 11980    | 353    | 13.9     | 477       | 1.25"     | 32ml     | 3.42 | 1    |

## Wiha Insulated Serrated Tweezers



[SHOP](#)

 **1000Volt**

### 75205 Insulated Serrated Straight Fine Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested

| Item No. | OAL mm | OAL Inch | lbs. | pkg. |
|----------|--------|----------|------|------|
| 75205    | 130    | 5.0      | .06  | 1    |



[SHOP](#)

 **1000Volt**

### 75210 Insulated Serrated Straight Blunt Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested

| Item No. | OAL mm | OAL Inch | lbs. | pkg. |
|----------|--------|----------|------|------|
| 75210    | 130    | 5.0      | .08  | 1    |

## Wiha Insulated Serrated Tweezers

### Meets EN/IEC Insulation Standards

Slip guards at tips for user safety

Two layer high contrast insulated coatings



Carbon steel with chrome nickel plated

 **1000V**

10,000 Volt tested 1000Volt rated



[SHOP](#)

 **1000Volt**

### 75215 Insulated Serrated Straight Blunt Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested

| Item No. | OAL mm | OAL Inch | lbs. | pkg. |
|----------|--------|----------|------|------|
| 75215    | 145    | 6.0      | .10  | 1    |



[SHOP](#)

 **1000Volt**

### 75220 Insulated Serrated Straight Blunt Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested

| Item No. | OAL mm | OAL Inch | lbs. | pkg. |
|----------|--------|----------|------|------|
| 75220    | 200    | 8.0      | .18  | 1    |



[SHOP](#)

 **1000Volt**

### 75302 Insulated Serrated Angled Fine Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested

| Item No. | OAL mm | OAL Inch | lbs. | pkg. |
|----------|--------|----------|------|------|
| 75302    | 145    | 6.0      | .08  | 1    |



[SHOP](#)

 **1000Volt**

### 75304 Insulated Serrated Angled Blunt Tip Tweezers, IEC/EN 60900 & CSA Standards, 10,000 Volt Tested

| Item No. | OAL mm | OAL Inch | lbs. | pkg. |
|----------|--------|----------|------|------|
| 75304    | 200    | 8.0      | .16  | 1    |

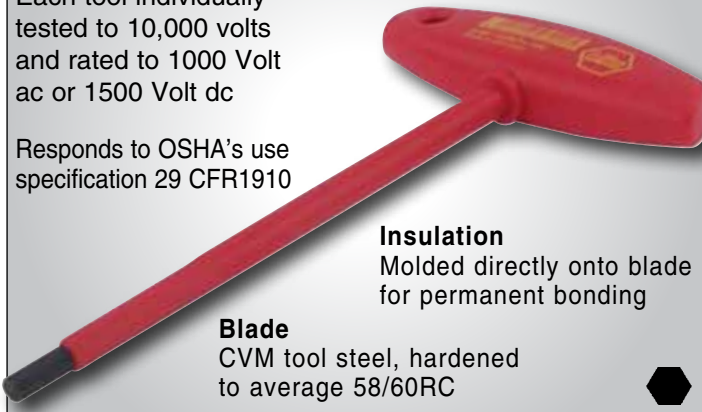
## Wiha Insulated T-handle Hex Drivers

### Insulation Test Standards:

Insulation according to EN/IEC 60900, ASTM F-1505-01, VDE 0682/part 201, DIN 7437, NFPA70E & CSA specification

Each tool individually tested to 10,000 volts and rated to 1000 Volt ac or 1500 Volt dc

Responds to OSHA's use specification 29 CFR1910



**Insulation**  
Molded directly onto blade for permanent bonding

**Blade**  
CVM tool steel, hardened to average 58/60RC

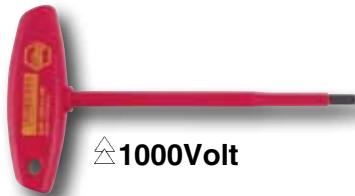


 **1000Volt**

**SHOP**

### 33490 6 Piece Inch T-handle Hex Set

| Item  |                                   |  |      |
|-------|-----------------------------------|-----------------------------------------------------------------------------------|------|
| No.   | Inch:                             |                                                                                   | lbs. |
| 33490 | 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" |                                                                                   | 1.66 |



 **1000Volt**

**SHOP**

### 334 Inch T-handle, With Wiha-Molded Handle. Insulation

According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  up to 1000Volt. Individually Tested. Blade CVM steel, hardened. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component.

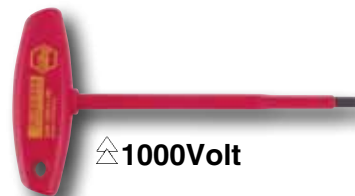
| Item  |  |  |  |  |  |  |  |
|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
| No.   | Inch                                                                                | Inch                                                                                | Inch                                                                                | mm                                                                                  | lbs.                                                                                | pkg.                                                                                |  |
| 33481 | 5/32                                                                                | 5.9                                                                                 | 6.9                                                                                 | 176                                                                                 | .09                                                                                 | 10                                                                                  |  |
| 33482 | 3/16                                                                                | 5.9                                                                                 | 6.9                                                                                 | 176                                                                                 | .15                                                                                 | 10                                                                                  |  |
| 33483 | 7/32                                                                                | 5.9                                                                                 | 6.9                                                                                 | 176                                                                                 | .19                                                                                 | 10                                                                                  |  |
| 33485 | 1/4                                                                                 | 5.9                                                                                 | 7.1                                                                                 | 176                                                                                 | .20                                                                                 | 10                                                                                  |  |
| 33486 | 5/16                                                                                | 5.9                                                                                 | 7.1                                                                                 | 176                                                                                 | .26                                                                                 | 10                                                                                  |  |
| 33487 | 3/8                                                                                 | 5.9                                                                                 | 7.1                                                                                 | 176                                                                                 | .44                                                                                 | 10                                                                                  |  |



**SHOP**

### 33478 5 Piece Metric T-handle Hex Set

| Item  |                            |  |      |
|-------|----------------------------|--------------------------------------------------------------------------------------|------|
| No.   | Metric:                    |                                                                                      | lbs. |
| 33478 | 4.0, 5.0, 6.0, 8.0, 10.0mm |                                                                                      | 1.20 |



 **1000Volt**

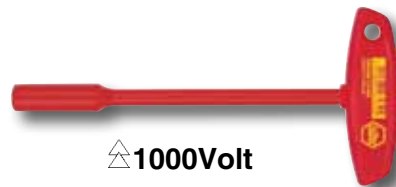
**SHOP**

### 334 Metric T-handle, With Wiha-Molded Handle. Insulation

According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  up to 1000Volt. Individually Tested. Blade CVM steel, hardened. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component.

| Item  |  |  |  |  |  |  |      |
|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|
| No.   | mm                                                                                  | mm                                                                                  | Inch                                                                                | mm                                                                                  | Inch                                                                                | lbs.                                                                                | pkg. |
| 33441 | 4.0                                                                                 | 150                                                                                 | 5.9                                                                                 | 176                                                                                 | 6.9                                                                                 | .09                                                                                 | 10   |
| 33443 | 5.0                                                                                 | 150                                                                                 | 5.9                                                                                 | 182                                                                                 | 7.1                                                                                 | .15                                                                                 | 10   |
| 33445 | 6.0                                                                                 | 150                                                                                 | 5.9                                                                                 | 182                                                                                 | 7.1                                                                                 | .18                                                                                 | 10   |
| 33447 | 8.0                                                                                 | 150                                                                                 | 5.9                                                                                 | 182                                                                                 | 7.1                                                                                 | .26                                                                                 | 10   |
| 33449 | 10.0                                                                                | 150                                                                                 | 5.9                                                                                 | 191                                                                                 | 7.5                                                                                 | .46                                                                                 | 10   |

## Wiha Insulated T-handle Nut Drivers



 **1000Volt**

**SHOP**

### 336 Metric T-handle Nut Drivers, With Wiha-Molded Handle. Insulation

According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  up to 1000Volt. Individually Tested. Blade CVM steel, hardened. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component.

| Item  |  |  |  |  |  |  |      |
|-------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------|
| No.   | mm                                                                                  | mm                                                                                    | Inch                                                                                  | mm                                                                                    | Inch                                                                                  | lbs.                                                                                  | pkg. |
| 33632 | 8.0                                                                                 | 200                                                                                   | 7.9                                                                                   | 232                                                                                   | 9.1                                                                                   | .15                                                                                   | 5    |
| 33634 | 10.0                                                                                | 230                                                                                   | 9.0                                                                                   | 262                                                                                   | 10.3                                                                                  | .18                                                                                   | 5    |
| 33637 | 13.0                                                                                | 230                                                                                   | 9.0                                                                                   | 262                                                                                   | 10.3                                                                                  | .26                                                                                   | 5    |
| 33641 | 17.0                                                                                | 230                                                                                   | 9.0                                                                                   | 268                                                                                   | 10.6                                                                                  | .46                                                                                   | 5    |

## Wiha Multi-Bit Screwdrivers

*Six Tools in One!*

Insulated Bit Holder



Tested to 10,000 Volts Insulation meets EN/IEC 60900

**SHOP**

**380 Sets Multi-Bit Screwdriver Sets** with Wiha Powerhandle, cellulose-acetate, impact resistant. Snap-lock rotatable cap. Chambered bit holder equipped with transparent selector and 6 bits. 1/4" Bit holder, stainless steel. Shaft chrome-vanadium-molybdenum steel, hardened, chrome-plated. Packaged in clear blister package. Blade Length = 120mm (4.7") Overall Length = 230mm (9")

### 38006 Slotted/Phillips Multi-Bit Screwdriver

With Wiha Powerhandle and insulated shaft.

Set includes the following 1/4" bits:

↓  **Slotted Sizes:** 5.5, 6.0mm lbs.

⊕ **Phillips Sizes:** 0, 1, 2, 3 .39

### 38007 Slotted/Phillips/Square Multi-Bit Screwdriver

With Wiha Powerhandle and insulated shaft.

Set includes the following 1/4" bits:

↓  **Slotted Sizes:** 6.5, 8.0mm lbs.

⊕ **Phillips Sizes:** 1, 2 .41

⊞ **Square Sizes:** 1, 2

**38025 Magnetic Bit Holder, 1/4" Wiha Powerhandle & insulated shaft.** Holder only can hold up to 6 bits.

 lbs. .26

## Wiha Insulated TorqueControl Tools

Includes Certificate

 1000Volt



**SHOP**

Includes *SlimLine* blade holder

### 287 Insulated TorqueVario-S, With Window Scale Insulation

 up to 1000 Volt. EN/IEC 60900 EN ISO 6798, BS EN 26789, ASME B107.14M & CSA, +/- 6% Accuracy. Ergonomic multi-component handle, light & compact. Handle sizes proportioned to optimize torque range. Audible & perceptible click when torque setting has been attained.

| Item No. | Range    | Inch | lbs.     | mm        | lbs. | pkg. |
|----------|----------|------|----------|-----------|------|------|
| 28724    | 7.5 - 20 | .5   | Inch lbs | 126 - 131 | .43  | 1    |
| 28726    | 10 - 50  | 2    | Inch lbs | 133 - 138 | .40  | 1    |
| 28727    | 20 - 70  | 2    | Inch lbs | 137 - 142 | .69  | 1    |

### 287 Insulated TorqueVario-S Handle - In Newton Meter Scale

| Item No. | Range     | mm  | lbs. | pkg. |
|----------|-----------|-----|------|------|
| 28734    | 0.6 - 2.0 | 131 | .45  | 1    |
| 28736    | 1.0 - 5.0 | 138 | .45  | 1    |
| 28737    | 2.0 - 8.0 | 142 | .72  | 1    |

Each TorqueVario handle has unique serial number & certificate of calibration

 1000Volt



**SHOP**

### 28350 Insulated SlimLine Torque Blade Holder

Chrome-vanadium-molybdenum steel. Through hardened black finish.

ClickFix quick release holder securely locks bits.

| Item No. | OAL | OAL | Inch | lbs. | pkg. |
|----------|-----|-----|------|------|------|
| 28350    | 6.0 | 170 | 6.7  | .02  | 1    |

## Wiha Insulated TorqueControl & SlimLine Tool Sets



In Roll-up Pouch

 1000Volt

**SHOP**

**28791 8 Piece Insulated TorqueControl Set With Slotted & Phillips SlimLine Blades** Certified to EN ISO 6798, BS EN 26789, ASME B107.14M. Set includes Insulated multi-component adjustable TorqueVario-S handle, 5 *SlimLine* blades, *SlimLine* blade holder & Torque adjustment tool.

| Item No. |                                          |  lbs. |
|----------|------------------------------------------|------------------------------------------------------------------------------------------|
| 28791    | <i>SlimLine</i> Slotted: 3.0, 4.0, 5.5mm | .87                                                                                      |
|          | <i>SlimLine</i> Phillips: #1, #2         |                                                                                          |
|          | 28726 - Handle Range 10-50 Inch/lbs.     |                                                                                          |
|          | <i>SlimLine</i> Blade Holder             |                                                                                          |

With Certificate of Calibration



In Roll-up Pouch

**28792 16 Piece Insulated TorqueControl Set With SlimLine Blades** Certified to EN ISO 6798, BS EN 26789, ASME B107.14M. Set includes Insulated multi-component adjustable TorqueVario-S handle, 13 *SlimLine* blades, *SlimLine* blade holder & Torque adjustment tool.

| Item No. |                                          |  lbs. |
|----------|------------------------------------------|--------------------------------------------------------------------------------------------|
| 28792    | <i>SlimLine</i> Slotted: 4.0, 5.5, 6.5mm | 1.27                                                                                       |
|          | <i>SlimLine</i> Phillips: #1, 2          |                                                                                            |
|          | <i>SlimLine</i> Terminal Xeno: #1, 2     |                                                                                            |
|          | <i>SlimLine</i> TORX®: T8, T10, T15, T20 |                                                                                            |
|          | <i>SlimLine</i> Square: #1, 2            |                                                                                            |
|          | 28727 - Handle Range 20-70 Inch/lbs.     |                                                                                            |
|          | <i>SlimLine</i> Blade Holder             |                                                                                            |

With Certificate of Calibration

**SHOP**

## Wiha Insulated SlimLine Tools

### Insulation Test Standards:

Insulation according to EN/IEC 60900,  
ASTM F-1505-01, VDE 0682/part 201,  
DIN 7437, NFPA70E & CSA specification



High quality chrome  
vanadium steel,  
through-hardened

 **1000Volt Rated**  
10,000 Volt Tested

Integrated *Slim*  
Insulation molded  
directly onto blade

Ideal for jobs  
where access  
is limited

Insulation does  
not exceed screw  
head diameter

### Wiha SlimTECHNOLOGY

Achieves blade  
diameters up to 33%  
narrower utilizing  
integrated insulation



## Wiha Insulated SlimLine Handle



 **1000Volt**

**SHOP**

**28301** *SlimLine* Blade Holder, With Wiha-SoftFinish® Handle  
Insulation According to VDE, ASTM F-1505-01 and EN/IEC 60900,  
NFPA70E & CSA,  up to 1000 Volt.

Chrome-vanadium steel, through-hardened. Insulation molded  
directly onto blade. Quick release holder securely lock blades.  
Wiha-SoftFinish® handle, multi-component, cushion grip.

| Item  |  |  |  |  |  |  |  |
|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| No.   | Size                                                                                | mm                                                                                  | Inch                                                                                | mm                                                                                  | Inch                                                                                | lbs.                                                                                | pkg.                                                                                |
| 28301 | 1/4"                                                                                | 50                                                                                  | 2.0                                                                                 | 160                                                                                 | 6.3                                                                                 | .15                                                                                 | 1                                                                                   |

## Wiha Insulated SlimLine Blades



**SHOP**

**283** **Insulated Slotted *SlimLine* Blades** High quality CV steel,  
through hardened. *SlimLine* blades have up to 33% narrower insulation  
diameter than standard insulated tools.

| Item  |  |  |  | Slim | Max | Inch/ |  |  |
|-------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------|-----|-------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| No.   | mm                                                                                  | Inch                                                                                  | Inch                                                                                  | Dia. | Nm  | lbs.  | lbs.                                                                                  | Pkg.                                                                                  |
| 28308 | 3.0                                                                                 | .118                                                                                  | 1/8                                                                                   | 4.1  | 0.6 | 5.3   | .02                                                                                   | 1                                                                                     |
| 28309 | 4.0                                                                                 | .157                                                                                  | 5/32                                                                                  | 4.1  | 2.5 | 22.2  | .02                                                                                   | 1                                                                                     |
| 28312 | 5.5                                                                                 | .216                                                                                  | 7/32                                                                                  | 6.1  | 3.8 | 33.7  | .02                                                                                   | 1                                                                                     |
| 28315 | 6.5                                                                                 | .255                                                                                  | 1/4                                                                                   | 6.1  | 5.5 | 48.8  | .02                                                                                   | 1                                                                                     |



**SHOP**

**283** **Insulated Phillips *SlimLine* Blades**  
High quality CV steel, through hardened. *SlimLine* blades have up to  
33% narrower insulation diameter than standard insulated tools.

| Item  |  | Slim | Max | Inch/ |  |  |
|-------|-------------------------------------------------------------------------------------|------|-----|-------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| No.   | Size                                                                                | Dia. | Nm  | lbs.  | lbs.                                                                                  | Pkg.                                                                                  |
| 28317 | 1                                                                                   | 4.1  | 3.8 | 33.7  | .02                                                                                   | 1                                                                                     |
| 28319 | 2                                                                                   | 6.1  | 5.5 | 48.8  | .02                                                                                   | 1                                                                                     |

33%  
narrower  
insulation  
diameter



## Wiha Insulated SlimLine Blades



### 283 Insulated Xeno Slotted & Phillips SlimLine Blades

High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter then standard insulated tools.

| Item No. | ⊕ Size | Slim Dia. | Max Nm | Inch/ lbs. | ⚡ lbs. | Pkg. |
|----------|--------|-----------|--------|------------|--------|------|
| 28327    | 1      | 4.1       | 3.8    | 33.7       | .02    | 1    |
| 28329    | 2      | 6.1       | 5.5    | 48.8       | .02    | 1    |



### 283 Insulated TORX® SlimLine Blades

High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter then standard insulated tools.

| Item No. | ⊕ Size | Slim Dia. | Max Nm | Inch/ lbs. | ⚡ lbs. | Pkg. |
|----------|--------|-----------|--------|------------|--------|------|
| 28339    | T8     | 4.1       | 1.3    | 11.5       | .02    | 1    |
| 28340    | T10    | 4.1       | 3.8    | 33.7       | .02    | 1    |
| 28341    | T15    | 6.1       | 5.5    | 48.8       | .02    | 1    |
| 28342    | T20    | 6.1       | 5.5    | 48.8       | .02    | 1    |



### 283 Insulated Square SlimLine Blades

High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter then standard insulated tools.

| Item No. | ⊕ Size | Slim Dia. | Max Nm | Inch/ lbs. | ⚡ lbs. | Pkg. |
|----------|--------|-----------|--------|------------|--------|------|
| 28346    | 1      | 4.1       | 3.8    | 33.7       | .02    | 1    |
| 28347    | 2      | 6.1       | 5.5    | 48.8       | .02    | 1    |



## Wiha Insulated SlimLine Blade Sets



⚡ 1000Volt

### 28391 8 Piece Insulated SlimLine Blade Set

High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter then standard insulated tools.

Cushion grip handle with quick release holder to securely lock blades. In roll up pouch

| Item No.                                   | ⚡ lbs. |
|--------------------------------------------|--------|
| 28391 Slotted: 4.0, 6.5                    | .45    |
| Phillips: #1, #2                           |        |
| Xeno: #2                                   |        |
| TORX®: T15, T20                            |        |
| 28301 - SlimLine Cushion Grip Blade Holder |        |



⚡ 1000Volt

### 28390 15 Piece Insulated SlimLine Blade Set

High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter then standard insulated tools.

Cushion grip handle with quick release holder to securely lock blades. In roll up pouch

| Item No.                                   | ⚡ lbs. |
|--------------------------------------------|--------|
| 28390 Slotted: 3.0, 4.0, 5.5, 6.5          | .56    |
| Phillips: #1, #2                           |        |
| Xeno: #1, #2                               |        |
| TORX®: T8, T10, T15, T20                   |        |
| Square: #1, #2                             |        |
| 28301 - SlimLine Cushion Grip Blade Holder |        |

## Wiha Insulated SlimLine Screwdrivers

### Insulation Test Standards:

Insulation according to EN/IEC 60900, ASTM F-1505-01, VDE 0682/part 201, DIN 7437, NFPA70E & CSA specification

### Wiha SlimTECHNOLOGY

Achieves blade diameters up to 33% narrower utilizing integrated insulation

### slimTECHNOLOGY



Ideal for jobs where access is limited

Integrated Slim Insulation molded directly onto blade

**1000Volt Rated**  
10,000 Volt Tested

←1.4"→



### 320 Insulated Slotted SlimLine Screwdrivers

Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  $\Delta$  up to 1000 Volt. Individually Tested to 10,000Volts.

High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter then standard insulated tools.

Wiha-SoftFinish® handle, multi-component, cushion grip.

| Item No. | mm  | Inch | Inch | Slim Dia. | mm  | mm  | lbs. | Pkg. |
|----------|-----|------|------|-----------|-----|-----|------|------|
| 32046    | 3.5 | .139 | 9/64 | 3.5       | 100 | 204 | .07  | 1    |
| 32049    | 4.0 | .157 | 5/32 | 4.0       | 100 | 211 | .12  | 1    |
| 32052    | 4.5 | .177 | 3/16 | 4.5       | 125 | 211 | .14  | 1    |
| 32055    | 5.5 | .216 | 7/32 | 5.5       | 125 | 243 | .21  | 1    |
| 32058    | 6.5 | .255 | 1/4  | 6.5       | 150 | 268 | .25  | 1    |

←1.4"→



### 307 Insulated Xeno SlimLine Screwdrivers For Terminal Screws

Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  $\Delta$  up to 1000 Volt. Individually Tested to 10,000Volts.

High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter then standard insulated tools.

Wiha-SoftFinish® handle, multi-component, cushion grip.

| Item No. | Size | Slim Dia. | mm  | mm  | lbs. | Pkg. |
|----------|------|-----------|-----|-----|------|------|
| 30746    | 1    | 4.5       | 80  | 191 | .12  | 1    |
| 30747    | 2    | 6.0       | 100 | 218 | .21  | 1    |

←1.4"→



### 321 Insulated Phillips SlimLine Screwdrivers

Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  $\Delta$  up to 1000 Volt. Individually Tested to 10,000Volts.

High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter then standard insulated tools.

Wiha-SoftFinish® handle, multi-component, cushion grip.

| Item No. | Size | Slim Dia. | mm  | mm  | lbs. | Pkg. |
|----------|------|-----------|-----|-----|------|------|
| 32145    | 1    | 4.5       | 80  | 204 | .12  | 1    |
| 32146    | 2    | 6.0       | 100 | 211 | .21  | 1    |

←1.4"→



### 358 Insulated Square SlimLine Screwdrivers

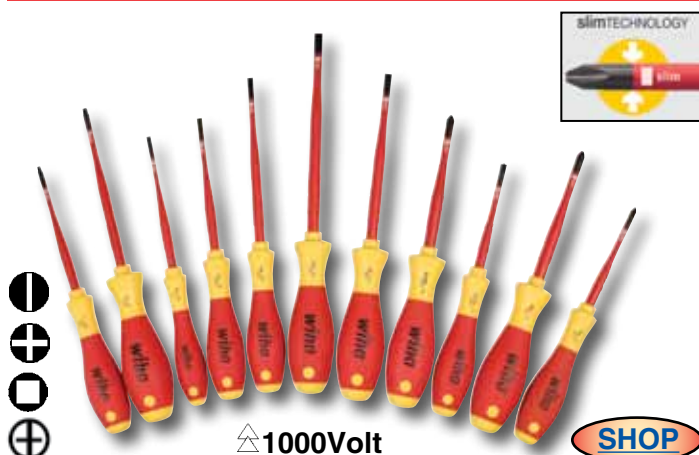
Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  $\Delta$  up to 1000 Volt. Individually Tested to 10,000Volts.

High quality CV steel, through hardened. SlimLine blades have up to 33% narrower insulation diameter then standard insulated tools.

Wiha-SoftFinish® handle, multi-component, cushion grip.

| Item No. | Size | Slim Dia. | mm  | mm  | lbs. | Pkg. |
|----------|------|-----------|-----|-----|------|------|
| 35844    | 1    | 4.0       | 100 | 218 | .12  | 1    |
| 35845    | 2    | 4.5       | 125 | 243 | .19  | 1    |

## Wiha Insulated *SlimLine* Screwdriver Sets



 1000Volt

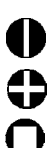
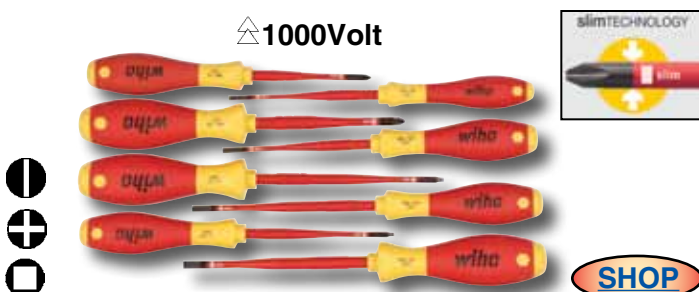


**32198** 11 Piece Insulated *SlimLine* Slotted, Phillips, Xeno & Square Screwdrivers. Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  $\Delta$  up to 1000 Volt. Individually Tested to 10,000Volts.

High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter then standard insulated tools.

Wiha-SoftFinish® handle, multi-component, cushion grip.

| Item No. |            |  |   |         |  |  |      |
|----------|------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------|
|          | Size       | mm                                                                                 |                                                                                     |         | mm                                                                                 | mm                                                                                 | lbs. |
| 32198    | Phillips 1 | 80                                                                                 |                                                                                     | Slotted | 3.5                                                                                | 100                                                                                | 1.75 |
|          | Phillips 2 | 100                                                                                |                                                                                     | Slotted | 4.0                                                                                | 100                                                                                |      |
|          |            |                                                                                    |  |         | Slotted                                                                            | 4.5                                                                                | 125  |
|          | Square 1   | 100                                                                                |                                                                                     | Slotted | 5.5                                                                                | 125                                                                                |      |
|          | Square 2   | 125                                                                                |                                                                                     | Slotted | 6.5                                                                                | 150                                                                                |      |
|          |            |                                                                                    |  |         |                                                                                    |                                                                                    |      |
|          | Xeno 1     | 80                                                                                 |                                                                                     |         |                                                                                    |                                                                                    |      |
|          | Xeno 2     | 100                                                                                |                                                                                     |         |                                                                                    |                                                                                    |      |

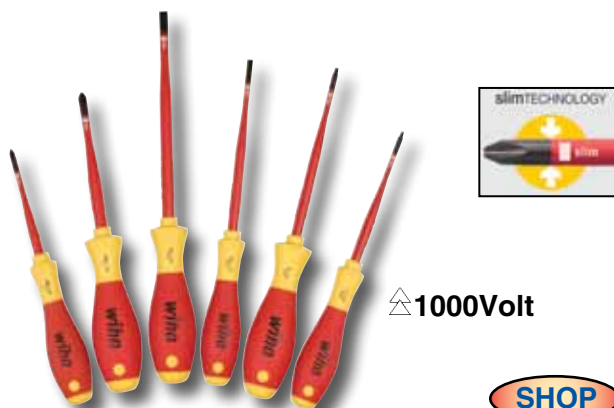

 1000Volt



**32197** 8 Piece Insulated *SlimLine* Slotted, Phillips & Square Screwdrivers. Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  $\Delta$  up to 1000 Volt. Individually Tested to 10,000Volts.

High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter then standard insulated tools.

Wiha-SoftFinish® handle, multi-component, cushion grip.

| Item No. |            |  |  |         |  |  |      |
|----------|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|
|          | Size       | mm                                                                                  |                                                                                     |         | mm                                                                                  | mm                                                                                  | lbs. |
| 32197    | Phillips 1 | 80                                                                                  |                                                                                     | Slotted | 3.5                                                                                 | 100                                                                                 | 1.18 |
|          | Phillips 2 | 100                                                                                 |                                                                                     | Slotted | 4.0                                                                                 | 100                                                                                 |      |
|          |            |                                                                                     |  |         | Slotted                                                                             | 4.5                                                                                 | 125  |
|          | Square 1   | 100                                                                                 |                                                                                     | Slotted | 5.5                                                                                 | 125                                                                                 |      |
|          | Square 2   | 125                                                                                 |                                                                                     |         |                                                                                     |                                                                                     |      |



 1000Volt



**32196** 6 Piece Insulated *SlimLine* Slotted, Phillips & Square Screwdrivers. Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  $\Delta$  up to 1000 Volt. Individually Tested to 10,000Volts.

High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter then standard insulated tools.

Wiha-SoftFinish® handle, multi-component, cushion grip.

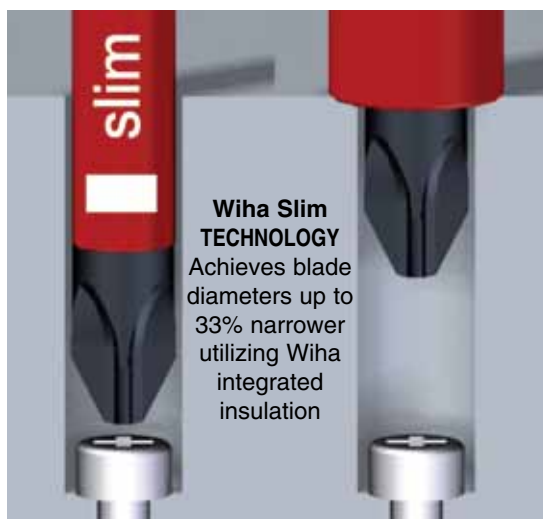
| Item No. |            |  |  |         |  |  |      |
|----------|------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|
|          | Size       | mm                                                                                  |                                                                                     |         | mm                                                                                  | mm                                                                                  | lbs. |
| 32196    | Phillips 1 | 80                                                                                  |                                                                                     | Slotted | 4.5                                                                                 | 125                                                                                 | 1.02 |
|          | Phillips 2 | 100                                                                                 |                                                                                     | Slotted | 6.5                                                                                 | 150                                                                                 |      |
|          |            |                                                                                     |  |         |                                                                                     |                                                                                     |      |
|          | Square 1   | 100                                                                                 |                                                                                     |         |                                                                                     |                                                                                     |      |
|          | Square 2   | 125                                                                                 |                                                                                     |         |                                                                                     |                                                                                     |      |



 1000Volt

**32189** 2 Pc. Insulated *SlimLine* Slotted & Phillips Screwdrivers. Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  $\Delta$  up to 1000 Volt. Individually Tested to 10,000Volts. High quality CV steel, through hardened. *SlimLine* blades have up to 33% narrower insulation diameter then standard insulated tools.

| Item No. |      |  |  |  |  |  |      |
|----------|------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------|
|          | Size | mm                                                                                   |                                                                                       |  | mm                                                                                    | mm                                                                                    | lbs. |
| 32189    | 2    | 100                                                                                  |                                                                                       |  | 4.5                                                                                   | 125                                                                                   | .37  |

**Wiha Slim TECHNOLOGY**  
Achieves blade diameters up to 33% narrower utilizing Wiha integrated insulation

## Wiha Insulated Screwdrivers with SoftFinish® Cushion Grip Handle

### Insulation Test Standards:

Insulation according to EN/IEC 60900, ASTM F-1505-01, New VDE 0682/part 201, DIN 7437, NFPA70E & CSA

Responds to OSHA's use specification 29 CFR1910

Each tool individually tested to 10,000 volts and rated to 1000 Volt ac or 1500 Volt dc

### SoftFinish® handle

solid molded core with soft outer cushion grip. 40% more torque than conventional handles

**Insulation**  
Molded directly onto the blade for permanent bonding

### Blade

CVM tool steel, hardened to average 58/60RC

**1000V**

#32892



page 32



**1000Volt**

**SHOP**

### 320 Slotted Screwdriver, With Wiha-SoftFinish® Handle

Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, **1000 Volt. Individually Tested.**

| Item No. | mm   | Inch | Inch  | mm  | Inch | mm  | Inch | lbs. | pkg. |
|----------|------|------|-------|-----|------|-----|------|------|------|
| 32005    | 2.0  | .078 | 5/64  | 60  | 3.0  | 164 | 6.5  | .05  | 10   |
| 32010    | 2.5  | .098 | 3/32  | 75  | 3.0  | 179 | 7.1  | .06  | 10   |
| 32012    | 3.0  | .118 | 1/8   | 100 | 4.0  | 204 | 8.0  | .07  | 10   |
| 32015    | 3.5  | .139 | 9/64  | 100 | 4.0  | 204 | 8.0  | .07  | 10   |
| 32017    | 4.0  | .157 | 5/32  | 100 | 4.0  | 211 | 8.3  | .12  | 10   |
| 32023    | 4.5  | .177 | 3/16  | 100 | 4.0  | 211 | 8.3  | .12  | 10   |
| 32024    | 4.5  | .177 | 3/16  | 125 | 5.0  | 236 | 9.3  | .12  | 10   |
| 32027    | 4.5  | .177 | 3/16  | 150 | 6.0  | 261 | 10.2 | .14  | 10   |
| 32025    | 4.5  | .177 | 3/16  | 175 | 7.0  | 286 | 11.2 | .13  | 10   |
| 32028    | 4.5  | .177 | 3/16  | 200 | 8.0  | 311 | 12.3 | .15  | 10   |
| 32031    | 5.5  | .216 | 7/32  | 125 | 5.0  | 243 | 9.5  | .15  | 10   |
| 32026    | 5.5  | .216 | 7/32  | 175 | 7.0  | 293 | 11.5 | .21  | 10   |
| 32034    | 6.0  | .236 | 15/64 | 150 | 6.0  | 268 | 10.6 | .21  | 10   |
| 32039    | 6.5  | .255 | 1/4   | 150 | 6.0  | 268 | 10.6 | .21  | 10   |
| 32042    | 8.0  | .315 | 5/16  | 175 | 7.0  | 299 | 11.8 | .34  | 10   |
| 32045    | 10.0 | .393 | 3/8   | 200 | 8.0  | 318 | 12.5 | .39  | 10   |



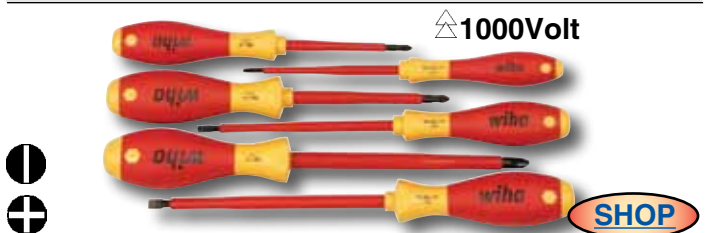
**1000Volt**

**SHOP**

### 321 Phillips Screwdriver, With Wiha-SoftFinish® Handle

Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, **1000 Volt. Individually Tested.**

| Item No. | Size | mm  | Inch | mm  | Inch | lbs. | pkg. |
|----------|------|-----|------|-----|------|------|------|
| 32100    | 0    | 60  | 2.4  | 164 | 6.5  | .06  | 10   |
| 32101    | 1    | 80  | 3.0  | 191 | 7.5  | .12  | 10   |
| 32102    | 2    | 100 | 4.0  | 218 | 8.6  | .20  | 10   |
| 32103    | 3    | 150 | 6.0  | 268 | 10.6 | .34  | 10   |
| 32104    | 4    | 200 | 8.0  | 318 | 12.5 | .39  | 10   |



**1000Volt**

**SHOP**

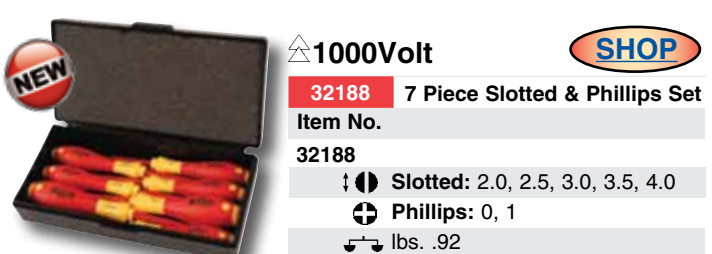
### 32092 6 Piece Slotted & Phillips Set

| Item No. | Slotted       | Phillips | lbs. |
|----------|---------------|----------|------|
| 32092    | 3.5, 4.5, 6.5 | 1, 2, 3  | 1.38 |

**SHOP**

### 32091 5 Piece Slotted & Phillips Set

| Item No. | Slotted       | Phillips | lbs. |
|----------|---------------|----------|------|
| 32091    | 3.0, 4.5, 6.5 | 1, 2     | 1.31 |



**1000Volt**

**SHOP**

### 32188 7 Piece Slotted & Phillips Set

| Item No. | Slotted                 | Phillips | lbs. |
|----------|-------------------------|----------|------|
| 32188    | 2.0, 2.5, 3.0, 3.5, 4.0 | 0, 1     | .92  |



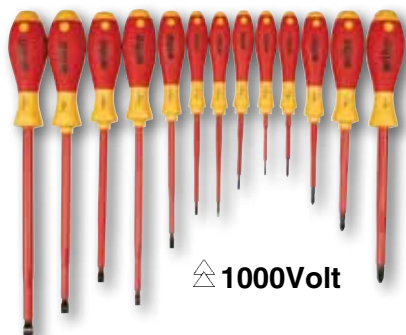
**1000Volt**

**SHOP**

### 32090 4 Piece Slotted & Phillips Set

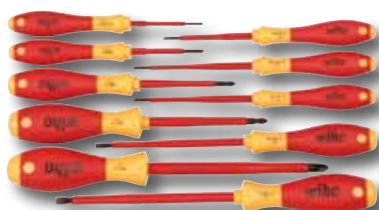
| Item No. | Slotted | mm  | mm  | mm  | Size     | mm | lbs. |
|----------|---------|-----|-----|-----|----------|----|------|
| 32090    | Slotted | 3.5 | 100 | 0.6 | Phillips | 1  | 80   |
|          | Slotted | 4.5 | 125 | 1.0 | Phillips | 2  | 100  |

### Wiha Insulated Screwdriver Sets


 1000Volt


#### 32094 13 Piece Slotted & Phillips Set

| Item No. |                                                                                 |  |
|----------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 32094    | Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 5.5, 6.5, 8.0, 10.0mm<br>Phillips: 0, 1, 2, 3 | lbs.<br>2.3                                                                       |


 1000Volt


#### 32093 10 Piece Slotted & Phillips Set

| Item No. |                                                               |  |
|----------|---------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 32093    | Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 6.5<br>Phillips: 0, 1, 2, 3 | lbs.<br>1.63                                                                        |


 1000Volt


#### 32190 15 Piece Slotted, Phillips & Inch Nut Drivers Set

| Item No. |                                                                                                                   |  |
|----------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 32190    | Slotted: 2.0, 2.5, 3.0, 3.5, 4.5, 6.5, 8.0mm<br>Phillips: 1, 2, 3<br>Nut Drivers Inch: 1/4, 5/16, 3/8, 7/16, 1/2" | lbs.<br>5.9                                                                         |


 1000Volt
Tool box set  
in blow molded tray

#### 32095 19 Piece Slotted, Phillips, Square, Xeno Screwdriver Set

| Item No. |                                                                                                                                     |  |
|----------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 32095    | Slotted: 2.5, 3.0, 3.5, 4.0, 4.5, 5.5, 6.0, 6.5, 8.0, 10.0mm<br>Phillips: #0, #1, #2, #3<br>Square: #1, #2<br>Xeno Terminal: #1, #2 | lbs.<br>4.92                                                                        |
|          | Single Pole Voltage Detector 110V to 250V                                                                                           |                                                                                     |

### Wiha Insulated Hex Metric Screwdrivers

 1000Volt


**323 Hex Metric Screwdriver, With Wiha-SoftFinish® Handle**  
Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA,  up to 1000 Volt. Individually Tested. Blade high alloy CVM steel, hardened, black finish. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip.



| Item No. | Size | mm  | Inch | mm  | Inch | lbs. | pkg. |
|----------|------|-----|------|-----|------|------|------|
| 32302    | 2.5  | 75  | 3.0  | 179 | 7.0  | .06  | 10   |
| 32303    | 3.0  | 75  | 3.0  | 179 | 7.0  | .08  | 10   |
| 32304    | 4.0  | 75  | 3.0  | 186 | 7.3  | .12  | 10   |
| 32305    | 5.0  | 75  | 3.0  | 186 | 7.3  | .15  | 10   |
| 32306    | 6.0  | 100 | 3.9  | 218 | 8.6  | .24  | 10   |
| 32308    | 8.0  | 100 | 3.9  | 218 | 8.6  | .34  | 10   |

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#### 32366 6 Piece Insulated Hex Metric Screwdriver Set

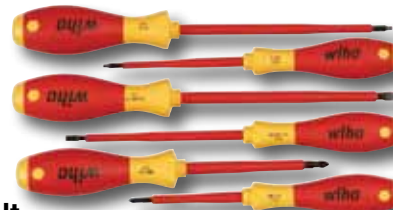
| Item No. 32366                             |  |  |
|--------------------------------------------|--|---------------------------------------------------------------------------------------|
| Hex Metric: 2.5, 3.0, 4.0, 5.0, 6.0, 8.0mm |  | lbs.<br>1.06                                                                          |

### Wiha Insulated Square Tip Screwdrivers


 1000Volt


**358 Square Tip Screwdriver, With Wiha-SoftFinish® Handle**  
Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Blade high alloy CVM steel, hardened, black finish. Insulation molded directly onto blade.

| Item No. | Size | mm  | Inch | mm  | Inch | lbs. | pkg. |
|----------|------|-----|------|-----|------|------|------|
| 35811    | 1    | 100 | 4.0  | 210 | 8.2  | .12  | 10   |
| 35812    | 2    | 150 | 6.0  | 268 | 10.5 | .19  | 10   |


 1000Volt

#### 35890 6 Pc. Insulated Slotted, Phillips & Square Screwdrivers

| Item No. 35890                     |  |  |
|------------------------------------|--|---------------------------------------------------------------------------------------|
| Slotted: 4.5, 6.5mm Phillips: 1, 2 |  | lbs.<br>.83                                                                           |
| Square: 1, 2                       |  |                                                                                       |

#### 35891 6 Pc. Insulated Slotted, Phillips & Square Screwdrivers

| Item No. 35891                                  |  |  |
|-------------------------------------------------|--|---------------------------------------------------------------------------------------|
| Slotted: 3.0, 5.5mm Phillips: 1, 2 Square: 1, 2 |  | lbs.<br>.83                                                                           |

## Wiha Insulated Nut Drivers



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### 322 Metric Nut Drivers, With Wiha-SoftFinish® Handle Insulation

According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E & CSA, up to 1000 Volt. Individually Tested. Blade CVM steel, hardened. Insulation molded directly onto blade. Deep drawn 1" socket. Wiha-SoftFinish® handle, multi-component.

| Item  | ⊙    | —   | —   | —    | —    | —    |
|-------|------|-----|-----|------|------|------|
| No.   | mm   | mm  | mm  | Inch | lbs. | pkg. |
| 32206 | 4.0  | 125 | 236 | 9.3  | .15  | 10   |
| 32209 | 5.0  | 125 | 236 | 9.3  | .16  | 10   |
| 32212 | 5.5  | 125 | 236 | 9.3  | .16  | 10   |
| 32215 | 6.0  | 125 | 236 | 9.3  | .16  | 10   |
| 32218 | 7.0  | 125 | 243 | 9.6  | .25  | 10   |
| 32221 | 8.0  | 125 | 243 | 9.6  | .25  | 10   |
| 32224 | 9.0  | 125 | 243 | 9.6  | .25  | 10   |
| 32227 | 10.0 | 125 | 243 | 9.6  | .27  | 10   |
| 32230 | 11.0 | 125 | 243 | 9.6  | .37  | 10   |
| 32233 | 12.0 | 125 | 243 | 9.6  | .38  | 10   |
| 32236 | 13.0 | 125 | 243 | 9.6  | .39  | 10   |
| 32238 | 14.0 | 125 | 243 | 9.6  | .39  | 10   |
| 32239 | 15.0 | 125 | 243 | 9.6  | .40  | 10   |
| 32240 | 16.0 | 125 | 243 | 9.6  | .42  | 10   |
| 32241 | 17.0 | 125 | 243 | 9.6  | .44  | 10   |

### 322 Inch Nut Drivers, With Wiha-SoftFinish® Handle

| Item  | ⊙     | —    | —   | —    | —    | —    |
|-------|-------|------|-----|------|------|------|
| No.   | Inch  | Inch | mm  | Inch | lbs. | pkg. |
| 32255 | 5/32  | 5.0  | 236 | 9.3  | .15  | 10   |
| 32258 | 3/16  | 5.0  | 236 | 9.3  | .15  | 10   |
| 32261 | 7/32  | 5.0  | 236 | 9.3  | .16  | 10   |
| 32264 | 1/4   | 5.0  | 243 | 9.5  | .24  | 10   |
| 32267 | 5/16  | 5.0  | 243 | 9.5  | .25  | 10   |
| 32268 | 11/32 | 5.0  | 242 | 9.5  | .26  | 10   |
| 32270 | 3/8   | 5.0  | 243 | 9.5  | .26  | 10   |
| 32273 | 7/16  | 5.0  | 243 | 9.5  | .36  | 10   |
| 32276 | 1/2   | 5.0  | 243 | 9.5  | .39  | 10   |
| 32278 | 9/16  | 5.0  | 243 | 9.5  | .39  | 10   |
| 32280 | 5/8   | 5.0  | 243 | 9.5  | .41  | 10   |



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### 32296 11 Piece Nut Driver Set - Inch Sizes

| Item  | ⊙     | —    | ⊙    | —    | —    |
|-------|-------|------|------|------|------|
| No.   | Inch  | Inch | Inch | Inch | lbs. |
| 32296 | 5/32  | 5.0  | 3/8  | 5.0  | 3.00 |
|       | 3/16  | 5.0  | 7/16 | 5.0  |      |
|       | 7/32  | 5.0  | 1/2  | 5.0  |      |
|       | 1/4   | 5.0  | 9/16 | 5.0  |      |
|       | 5/16  | 5.0  | 5/8  | 5.0  |      |
|       | 11/32 | 5.0  |      |      |      |



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### 32291 5 Piece Nut Driver Set - Metric Sizes

| Item  | ⊙   | —   | ⊙    | —   | —    |
|-------|-----|-----|------|-----|------|
| No.   | mm  | mm  | mm   | mm  | lbs. |
| 32291 | 6.0 | 125 | 9.0  | 125 | 1.36 |
|       | 7.0 | 125 | 10.0 | 125 |      |
|       | 8.0 | 125 |      |     |      |

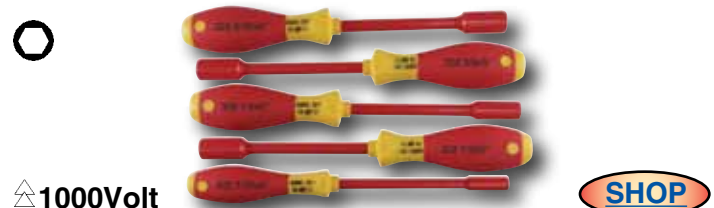


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### 32293 7 Piece Nut Driver Set - Metric Sizes

| Item  | ⊙   | —   | ⊙    | —   | —    |
|-------|-----|-----|------|-----|------|
| No.   | mm  | mm  | mm   | mm  | lbs. |
| 32293 | 5.0 | 125 | 8.0  | 125 | 2.05 |
|       | 5.5 | 125 | 10.0 | 125 |      |
|       | 6.0 | 125 | 13.0 | 125 |      |
|       | 7.0 | 125 |      |     |      |



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### 32292 5 Piece Nut Driver Set - Inch Sizes

| Item  | ⊙    | —    | ⊙    | —    | —    |
|-------|------|------|------|------|------|
| No.   | Inch | Inch | Inch | Inch | lbs. |
| 32292 | 7/32 | 5.0  | 3/8  | 5.0  | 1.52 |
|       | 1/4  | 5.0  | 1/2  | 5.0  |      |
|       | 5/16 | 5.0  |      |      |      |



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### 32294 7 Piece Nut Driver Set - Inch Sizes

| Item  | ⊙    | —    | ⊙    | —    | —    |
|-------|------|------|------|------|------|
| No.   | Inch | Inch | Inch | Inch | lbs. |
| 32294 | 3/16 | 5.0  | 3/8  | 5.0  | 2.24 |
|       | 7/32 | 5.0  | 7/16 | 5.0  |      |
|       | 1/4  | 5.0  | 1/2  | 5.0  |      |
|       | 5/16 | 5.0  |      |      |      |

### Wiha Insulated Inch Nut Driver Set


[SHOP](#)

#### 32288 9 Piece Nut Driver Set - Inch Sizes. In roll-up pouch

| Item  |  |  |  |  |  |
|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| No.   | Inch                                                                              | Inch                                                                              | Inch                                                                              | Inch                                                                              | lbs.                                                                              |
| 32288 | 3/16                                                                              | 5.0                                                                               | 7/16                                                                              | 5.0                                                                               | 3.16                                                                              |
|       | 1/4                                                                               | 5.0                                                                               | 1/2                                                                               | 5.0                                                                               |                                                                                   |
|       | 5/16                                                                              | 5.0                                                                               | 9/16                                                                              | 5.0                                                                               |                                                                                   |
|       | 11/32                                                                             | 5.0                                                                               | 5/8                                                                               | 5.0                                                                               |                                                                                   |
|       | 3/8                                                                               | 5.0                                                                               |                                                                                   |                                                                                   |                                                                                   |

### Insulated Terminal Block Xeno Screwdrivers



Combination Slotted/Phillips  
Terminal Block Drivers

Slotted  
& Phillips

1000Volt


[SHOP](#)

**307** Combination Terminal Block Xeno Screwdriver, With Wiha SoftFinish® Handle. Insulation According to ASTM F-1505-01, VDE, 0682/part 201, EN/IEC 60900, NFPA70E & CSA specification. Individually Tested. Blade CVM steel, hardened, black finish. Insulation molded directly onto blade. Wiha-SoftFinish® handle, multi-component, cushion grip. For combination Slotted/Phillips head terminal screws.

| Item  |  |  |  |  |  |  |
|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| No.   | Size                                                                                | mm                                                                                  | mm                                                                                  | Inch                                                                                | lbs.                                                                                | pkg.                                                                                |
| 30700 | 1                                                                                   | 80                                                                                  | 191                                                                                 | 7.5                                                                                 | 1.23                                                                                | 10                                                                                  |
| 30701 | 2                                                                                   | 100                                                                                 | 218                                                                                 | 8.6                                                                                 | 1.23                                                                                | 10                                                                                  |

#### WARNING!

Insulated Tools are intended to provide protection against accidental contact with charged energized circuits. For maximum safety we recommend de-energizing all circuits whenever possible before starting work on electrical apparatus or conductors. Always visually inspect insulation on tools before use, do not use tools if insulation shows signs of wear or damage to the insulated areas of the tool. Wear appropriate eye protection when using hand tools. Use NFPA70E certified insulated protective outer wear when appropriate.

### Wiha Insulated TORX® Screwdrivers


[SHOP](#)

#### 325 TORX® Screwdriver, With Wiha-SoftFinish® Handle

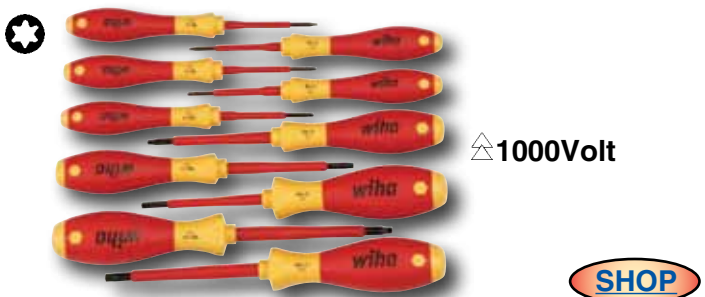
Insulation According to ASTM F-1505-01, New VDE Specification 0682/part 201 and EN/IEC 60900, NFPA70E and CSA, up to 1000 Volt. Individually Tested. Blade high alloy cvm steel, hardened, black finish. Insulation molded directly onto blade.

| Item  |  |  |  |  |  |  |  |
|-------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| No.   | Size                                                                              | mm                                                                                  | Inch                                                                                | mm                                                                                  | Inch                                                                                | lbs.                                                                                | pkg.                                                                                |
| 32505 | T5                                                                                | 60                                                                                  | 2.4                                                                                 | 164                                                                                 | 6.5                                                                                 | .06                                                                                 | 10                                                                                  |
| 32511 | T6                                                                                | 60                                                                                  | 2.4                                                                                 | 164                                                                                 | 6.5                                                                                 | .06                                                                                 | 10                                                                                  |
| 32516 | T7                                                                                | 60                                                                                  | 2.4                                                                                 | 164                                                                                 | 6.5                                                                                 | .06                                                                                 | 10                                                                                  |
| 32521 | T8                                                                                | 60                                                                                  | 2.4                                                                                 | 164                                                                                 | 6.5                                                                                 | .06                                                                                 | 10                                                                                  |
| 32526 | T9                                                                                | 60                                                                                  | 2.4                                                                                 | 164                                                                                 | 6.5                                                                                 | .06                                                                                 | 10                                                                                  |
| 32531 | T10                                                                               | 60                                                                                  | 2.4                                                                                 | 164                                                                                 | 6.5                                                                                 | .06                                                                                 | 10                                                                                  |
| 32536 | T15                                                                               | 80                                                                                  | 3.0                                                                                 | 191                                                                                 | 7.5                                                                                 | .12                                                                                 | 10                                                                                  |
| 32541 | T20                                                                               | 80                                                                                  | 3.0                                                                                 | 191                                                                                 | 7.5                                                                                 | .12                                                                                 | 10                                                                                  |
| 32546 | T25                                                                               | 80                                                                                  | 3.0                                                                                 | 198                                                                                 | 7.8                                                                                 | .17                                                                                 | 10                                                                                  |
| 32551 | T27                                                                               | 100                                                                                 | 4.0                                                                                 | 218                                                                                 | 8.6                                                                                 | .20                                                                                 | 10                                                                                  |
| 32556 | T30                                                                               | 100                                                                                 | 4.0                                                                                 | 218                                                                                 | 8.6                                                                                 | .20                                                                                 | 10                                                                                  |
| 32561 | T40                                                                               | 150                                                                                 | 6.0                                                                                 | 274                                                                                 | 10.8                                                                                | .30                                                                                 | 10                                                                                  |


[SHOP](#)

#### 32590 6 Piece TORX® Set

| Item  |  |  |  |  |  |
|-------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| No.   | Size                                                                                  | mm                                                                                    | Size                                                                                  | mm                                                                                    | lbs.                                                                                  |
| 32590 | T8                                                                                    | 60                                                                                    | T15                                                                                   | 80                                                                                    | .83                                                                                   |
|       | T9                                                                                    | 60                                                                                    | T20                                                                                   | 80                                                                                    |                                                                                       |
|       | T10                                                                                   | 60                                                                                    | T25                                                                                   | 80                                                                                    |                                                                                       |


[SHOP](#)

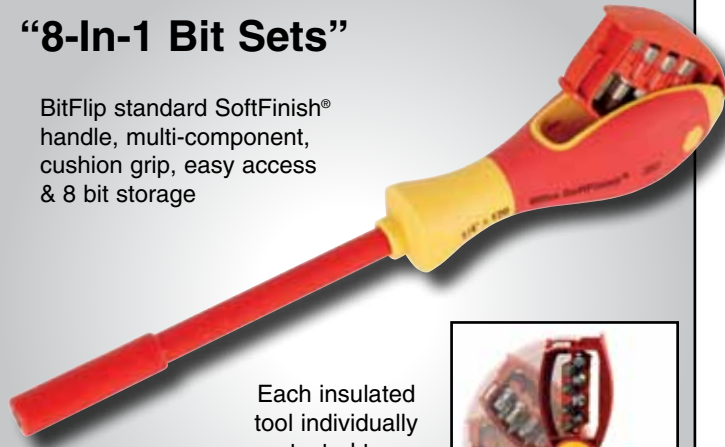
#### 32592 10 Piece TORX® Set

| Item  |  |  |  |  |  |
|-------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| No.   | Size                                                                                  | mm                                                                                    | Size                                                                                  | mm                                                                                    | lbs.                                                                                  |
| 32592 | T6                                                                                    | 60                                                                                    | T15                                                                                   | 80                                                                                    | 1.2                                                                                   |
|       | T7                                                                                    | 60                                                                                    | T20                                                                                   | 80                                                                                    |                                                                                       |
|       | T8                                                                                    | 60                                                                                    | T25                                                                                   | 80                                                                                    |                                                                                       |
|       | T9                                                                                    | 60                                                                                    | T27                                                                                   | 100                                                                                   |                                                                                       |
|       | T10                                                                                   | 60                                                                                    | T30                                                                                   | 100                                                                                   |                                                                                       |

## Wiha Insulated "BitFlip" Sets

### "8-In-1 Bit Sets"

BitFlip standard SoftFinish® handle, multi-component, cushion grip, easy access & 8 bit storage



Each insulated tool individually tested to 10,000 volts

Blade CVM tool steel, hardened



### 8-in-1 Bit Sets

Tested to 10,000Volts

Insulated



[SHOP](#)

#### 38017 Insulated BitFlip With Slotted/Phillips/TORX® Bits

Wiha cushion grip handle and insulated shaft. Tested to 10,000 volts.

Set includes the following 1/4" bits:

|   |           |                    |      |
|---|-----------|--------------------|------|
| ⌚ | Slotted:  | 4.5, 6.5mm         | ↔    |
| ⊕ | Phillips: | 1, 2               | lbs. |
| ⊗ | TORX®:    | T10, T15, T20, T25 | .45  |



### 8-in-1 Bit Sets

Tested to 10,000 Volts



Insulated

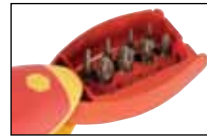
[SHOP](#)

#### 38016 Insulated BitFlip With Slotted/Phillips/Square Bits

Wiha cushion grip handle and insulated shaft. Tested to 10,000 volts.

Set includes the following 1/4" bits:

|   |           |            |      |
|---|-----------|------------|------|
| ⌚ | Slotted:  | 4.5, 6.5mm | ↔    |
| ⊕ | Phillips: | 0, 1, 2, 3 | lbs. |
| ◻ | Square:   | 1, 2       | .45  |



### 8-in-1 Bit Sets

Tested to 10,000 Volts



Insulated

[SHOP](#)

#### 38018 Insulated BitFlip With Slotted/Phillips Bits

Wiha cushion grip handle and insulated shaft. Tested to 10,000 volts.

Set includes the following 1/4" bits:

|   |           |                      |     |
|---|-----------|----------------------|-----|
| ⌚ | Slotted:  | 4.5, 5.5, 6.5, 8.0mm | ↔   |
| ⊕ | Phillips: | 0, 1, 2, 3           | .45 |

## Insulated Single-Pole Voltage Detector

⚡ 1000Volt



[SHOP](#)

#### 25511 Insulated Single-Pole Voltage Detector. 110-250 Volts.

Insulation According To DIN 57860/6 And DIN VDE 0680-6, GS Tested. Blade CVM steel, hardened, nickel-plated. Insulation molded directly onto blade. Amber LED light. 10,000Volt tested.

| Item No. | ⌚ | mm  | mm | mm  | Inch | lbs. | pkg. |
|----------|---|-----|----|-----|------|------|------|
| 25511    |   | 3.0 | 65 | 145 | 5.7  | .04  | 1    |

## Insulated Voltage Detector



⚡ 1000Volt



[SHOP](#)

#### 25500 Insulated Voltage Detector. Tests 90-1000 Volts.

Category III, CE IEC 61010-1

With audible sound and light warnings. Requires 2 AAA batteries.

| Item No. | mm  | Inch | lbs. | pkg. |
|----------|-----|------|------|------|
| 25500    | 150 | 6.0  | .13  | 1    |

## Wiha Insulated Belt Pack Pouch Sets

### Insulation Test Standards:

Insulation according to EN/IEC 60900,  
 ASTM F-1505-01, New VDE 0682/part 201,  
 DIN 7437, NFPA70E & CSA


[SHOP](#)

### 1000Volt

**32871 3 Piece Insulated Pliers/Cutters & Multi-Bit Set In Belt Pack Pouch** Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard. Insulated multi-bit screwdriver includes Slotted, Phillips & Square bits.

#### Item No. Pliers/Cutters & Multi-Bit Set

**32871** 6.3" / 160mm Diagonal Cutters  
 8.0" / 200mm Long Nose Pliers

**Set includes Bit Holder and the following bits:**

**Slotted:** 4.5, 6.5mm • **Phillips:** 1, 2 • **Square:** 1, 2

🔌 lbs. 1.67


[SHOP](#)

### 1000Volt

**32872 5 Piece Insulated Pliers/Cutters & Screwdrivers In Belt Pack Pouch** Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard. Insulated cushion grip drivers, multi-component. Blade CVM tool steel, hardened.

#### Item No. Insulated Pliers/Cutters & Screwdrivers

**32872** 6.3" / 160mm Diagonal Cutters  
 8.0" / 200mm Long Nose Pliers

**Insulated Screwdrivers:**

**Slotted:** 3.0, 4.5mm • **Phillips:** 2

🔌 lbs. 1.77


[SHOP](#)

### 1000Volt

**32873 3 Piece Insulated Pliers/Cutters In Belt Pack Pouch** Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard.

#### Item No. Insulated Pliers & Cutters

**32873** 6.3" / 160mm Diagonal Cutters  
 8.0" / 200mm Long Nose Pliers  
 8.0" / 200mm Combination Pliers

🔌 lbs. 2.07


[SHOP](#)

### 1000Volt

**32875 5 Pc. Insulated Pliers/Cutters & SlimLine Screwdrivers In Belt Pack Pouch** Tools meet EN/IEC, ASTM, VDE, NFPA70E & CSA standards. Pliers chrome finish for long lasting corrosion protection. Soft grip ergo designed handle body, safety slip guard. Insulated cushion grip drivers, multi-component. Blade CVM tool steel, hardened.

#### Item No. Insulated Pliers/Cutters & Screwdrivers

**32875** 9.0" / 225mm Lineman's Pliers  
 8.0" / 200mm Long Nose Pliers

**Insulated SlimLine Screwdrivers:**

**Slotted:** 4.5, 6.5mm • **Phillips:** 2

🔌 lbs. 2.26

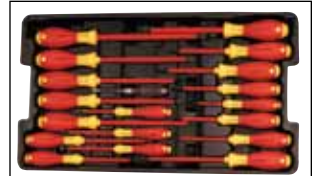
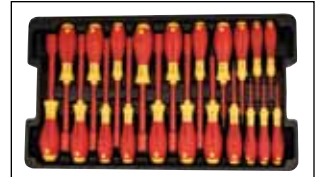
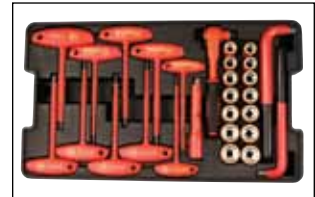
## Wiha Insulated Tools-Comfort Grip Handles

All Tools In  
Dedicated  
Positions For  
Quick Storage  
& Easy Location  
Tracking



1000Volt

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### 32800 80 Piece Insulated Master Electrician's Tool Set In Rolling Water Tight Traveling Tool Box - 10,000Volt Tested, 1000Volt Rated

| Item# 32800                       | Set Includes:                 | ⚡ lbs. 33.9 |
|-----------------------------------|-------------------------------|-------------|
| 6.3" Long Nose Pliers             | 6.3" Diagonal Cutters         |             |
| 8.0" Long Nose Pliers             | 8.0" High Leverage Cutters    |             |
| 6.3" Bent Nose Pliers             | 6.3" Cable Cutters            |             |
| 6.3" Long Flat Nose Pliers        | 6.3" Stripping Pliers         |             |
| 9.0" Combo Pliers/Crimpers        | 8.0" Adjustable Wrench        |             |
| Insulated Socket 1/2"             | Insulated Nut Driver 7/32"    |             |
| Insulated Socket 9/16"            | Insulated Nut Driver 1/4"     |             |
| Insulated Socket 5/8"             | Insulated Nut Driver 5/16"    |             |
| Insulated Socket 11/16"           | Insulated Nut Driver 3/8"     |             |
| Insulated Socket 3/4"             | Insulated Nut Driver 7/16"    |             |
| Insulated Socket 13/16"           | Insulated Nut Driver 5.0mm    |             |
| Insulated Socket 7/8"             | Insulated Nut Driver 5.5mm    |             |
| Insulated Socket 13mm             | Insulated Nut Driver 6.0mm    |             |
| Insulated Socket 14mm             | Insulated Nut Driver 7.0mm    |             |
| Insulated Socket 15mm             | Insulated Nut Driver 8.0mm    |             |
| Insulated Socket 17mm             | Insulated Nut Driver 10.0mm   |             |
| Insulated Socket 19mm             | Insulated Nut Driver 13.0mm   |             |
| Insulated Socket 20mm             | Insulated Cable Knife 50mm    |             |
| Insulated Socket 22mm             | 2 Meter Ruler In/MM           |             |
| Insulated Ratchet 3/8" Drive      | Single Pole Voltage Detector- |             |
| Insulated 4.9" Extension 3/8" Dr. | 110V to 250V                  |             |

|                              |                               |
|------------------------------|-------------------------------|
| Insulated Slotted 2.5mm      | Insulated Phillips #0         |
| Insulated Slotted 3.0mm      | Insulated Phillips #1         |
| Insulated Slotted 3.5mm      | Insulated Phillips #2         |
| Insulated Slotted 4.0mm      | Insulated Phillips #3         |
| Insulated Slotted 4.5mm      | Insulated Slit/Ph Terminal #1 |
| Insulated Slotted 5.5mm      | Insulated Slit/Ph Terminal #2 |
| Insulated Slotted 6.0mm      | Insulated Square #1           |
| Insulated Slotted 6.5mm      | Insulated Square #2           |
| Insulated Slotted 8.0mm      | Insulated Torx T6             |
| Insulated Slotted 10.0mm     | Insulated Torx T7             |
| Insulated T-handle Hex 5/32" | Insulated Torx T8             |
| Insulated T-handle Hex 3/16" | Insulated Torx T9             |
| Insulated T-handle Hex 7/32" | Insulated Torx T10            |
| Insulated T-handle Hex 1/4"  | Insulated Torx T15            |
| Insulated T-handle Hex 5/16" | Insulated Torx T20            |
| Insulated T-handle Hex 3/8"  | Insulated Torx T25            |
| Insulated T-handle Hex 4.0mm | Insulated Torx T30            |
| Insulated T-handle Hex 5.0mm | Insulated L-key 10mm          |
| Insulated T-handle Hex 6.0mm | Insulated L-key 1/2"          |
| Insulated T-handle Hex 8.0mm |                               |

#### Use & Care Guide For Insulated Tools:

Store tools to minimize risk of damage to insulation, always wear approved eye protection, Inspect insulation prior to each use of any insulated tool. Use insulated tools where the ambient temperature is between -20 to +70° C. Have a qualified safety technician visually inspect insulation on tools annually for safe use.

#### WARNING!

Insulated Tools are intended to provide protection against accidental contact with charged energized circuits. For maximum safety we recommend de-energizing all circuits whenever possible before starting work on electrical apparatus or conductors. Always visually inspect insulation on tools before use, do not use tools if insulation shows signs of wear or damage to the insulated areas of the tool. Wear appropriate eye protection when using hand tools. Use NFPA70E certified insulated protective outer wear when appropriate.

**Wiha 1000Volt Insulated Tool Sets - Comfort Grip Handles**



△1000Volt

**32877 80 Piece Insulated Master Electrician's Set**

**SHOP**

| Item# 32877                   | Set Includes:                | lbs. 27.0 |
|-------------------------------|------------------------------|-----------|
| 6.3" Long Nose Pliers         | 6.3" Diagonal Cutters        |           |
| 6.3" Bent Nose Pliers         | 8.0" High Leverage Cutters   |           |
| 8.0" Long Nose Pliers         | 8.0" Cable Cutters           |           |
| 6.3" Long Flat Nose Pliers    | 6.3" Stripping Pliers        |           |
| 9.0" Combo Pliers/Crimpers    | 8.0" Adjustable Wrench       |           |
| Insulated Slotted 2.0mm       | Insulated Nut Driver 7/32"   |           |
| Insulated Slotted 2.5mm       | Insulated Nut Driver 1/4"    |           |
| Insulated Slotted 3.0mm       | Insulated Nut Driver 5/16"   |           |
| Insulated Slotted 3.5mm       | Insulated Nut Driver 3/8"    |           |
| Insulated Slotted 4.0mm       | Insulated Nut Driver 7/16"   |           |
| Insulated Slotted 4.5mm       | Insulated Nut Driver 5.0mm   |           |
| Insulated Slotted 5.5mm       | Insulated Nut Driver 5.5mm   |           |
| Insulated Slotted 6.0mm       | Insulated Nut Driver 6.0mm   |           |
| Insulated Slotted 6.5mm       | Insulated Nut Driver 7.0mm   |           |
| Insulated Slotted 8.0mm       | Insulated Nut Driver 8.0mm   |           |
| Insulated Slotted 10.0mm      | Insulated Nut Driver 10.0mm  |           |
| Insulated Phillips #0         | Insulated Nut Driver 13.0mm  |           |
| Insulated Phillips #1         | Insulated T-handle Hex 5/32" |           |
| Insulated Phillips #2         | Insulated T-handle Hex 3/16" |           |
| Insulated Phillips #3         | Insulated T-handle Hex 7/32" |           |
| Insulated Slit/Ph Terminal #1 | Insulated T-handle Hex 1/4"  |           |
| Insulated Slit/Ph Terminal #2 | Insulated T-handle Hex 5/16" |           |
| Insulated Torx T6             | Insulated T-handle Hex 3/8"  |           |
| Insulated Torx T7             | Insulated T-handle Hex 4.0mm |           |
| Insulated Torx T8             | Insulated T-handle Hex 5.0mm |           |
| Insulated Torx T9             | Insulated T-handle Hex 6.0mm |           |
| Insulated Torx T10            | Insulated T-handle Hex 8.0mm |           |
| Insulated Torx T15            | Insulated L-key 10mm         |           |
| Insulated Torx T20            | Insulated L-key 1/2"         |           |
| Insulated Torx T25            | Insulated Cable Knife 50mm   |           |
| Insulated Torx T30            | 2 Meter Ruler In/MM          |           |
| Insulated Square #1           | Insulated Ratchet 3/8" Dr.   |           |
| Insulated Square #2           | Insulated 4.9" Extension     |           |
| Insulated Socket 1/2"         | Insulated Socket 13mm        |           |
| Insulated Socket 9/16"        | Insulated Socket 14mm        |           |
| Insulated Socket 5/8"         | Insulated Socket 15mm        |           |
| Insulated Socket 11/16"       | Insulated Socket 17mm        |           |
| Insulated Socket 3/4"         | Insulated Socket 19mm        |           |
| Insulated Socket 13/16"       | Insulated Socket 20mm        |           |
| Insulated Socket 7/8"         | Insulated Socket 22mm        |           |



**Master Electrician's Set**



**66 Pc. BIGGER SET**

△1000Volt

**32876 66 Pc. Master Electrician's Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,**

△up to 1000 volt. Individually Tested. Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome/nickel plated, mirror-polished.

**SHOP**

| Item# 32876                  | Set Includes:                     | lbs. 21.5 |
|------------------------------|-----------------------------------|-----------|
| 8.0" Long Nose               | 6.3" Side Cutters                 |           |
| 6.3" Long Flat Nose          | 8.0" High Leverage Cutters        |           |
| 9.0" Combo Pliers/Crimpers   | 6.3" Stripping Pliers             |           |
| 8.0" Cable Cutters           | 8.0" Adjustable Wrench            |           |
| Insulated Nut Driver 1/4"    | Insulated Slotted 2.0mm           |           |
| Insulated Nut Driver 5/16"   | Insulated Slotted 2.5mm           |           |
| Insulated Nut Driver 11/32"  | Insulated Slotted 3.0mm           |           |
| Insulated Nut Driver 3/8"    | Insulated Slotted 4.0mm           |           |
| Insulated Nut Driver 7/16"   | Insulated Slotted 4.5mm           |           |
| Insulated T-handle Hex 4.0mm | Insulated Slotted 5.5mm           |           |
| Insulated T-handle Hex 5.0mm | Insulated Slotted 6.0mm           |           |
| Insulated T-handle Hex 6.0mm | Insulated Slotted 8.0mm           |           |
| Insulated T-handle Hex 8.0mm | Insulated Slotted 10.0mm          |           |
| Insulated T-handle Hex 5/32" | Insulated Phillips #0             |           |
| Insulated T-handle Hex 3/16" | Insulated Phillips #1             |           |
| Insulated T-handle Hex 7/32" | Insulated Phillips #2             |           |
| Insulated T-handle Hex 1/4"  | Insulated Phillips #3             |           |
| Insulated T-handle Hex 5/16" | Insulated Torx T8                 |           |
| Insulated T-handle Hex 3/8"  | Insulated Torx T10                |           |
| Insulated Hex L-key 10.0mm   | Insulated Torx T15                |           |
| Insulated Hex L-key 1/2"     | Insulated Torx T20                |           |
| Insulated Socket 1/2"        | Insulated Torx T25                |           |
| Insulated Socket 9/16"       | Insulated Torx T30                |           |
| Insulated Socket 5/8"        | Insulated Square #1               |           |
| Insulated Socket 11/16"      | Insulated Square #2               |           |
| Insulated Socket 3/4"        | Insulated Slit/Ph Terminal #1x80  |           |
| Insulated Socket 13/16"      | Insulated Slit/Ph Terminal #2x100 |           |
| Insulated Socket 7/8"        | Insulated Cable Knife 50mm        |           |
| Insulated Socket 8.0mm       | Insulated Extension 4.9"          |           |
| Insulated Socket 10.0mm      | Insulated Ratchet 3/8" Driver     |           |
| Insulated Socket 13.0mm      | Insulated Socket 17.0mm           |           |
| Insulated Socket 14.0mm      | Insulated Socket 19.0mm           |           |
| Insulated Socket 15.0mm      | Insulated Socket 22.0mm           |           |

**Wiha 1000Volt Insulated Tool Sets - Comfort Grip Handles**

 **1000Volt**      **48 Pc. BIG SET**


**32874** 48 Piece Insulated Tool Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  up to 1000 volt. Individually Tested. Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome/nickel plated, mirror-polished. Cushion Grip Insulated handles. Canvas tool bag.

| Item# 32874                | Set Includes:              | Weight lbs. 19.4 |
|----------------------------|----------------------------|------------------|
| 6.3" Long Nose Pliers      | 6.3" Side Cutters          |                  |
| 8.0" Long Nose Pliers      | 8.0" High Leverage Cutters |                  |
| 6.3" Combination Pliers    | 6.3" Stripping Pliers      |                  |
| 9.0" Combo Pliers/Crimpers | 8.0" Adjustable Wrench     |                  |

**Slotted:** 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.5, 6.0, 6.5, 8.0mm

**Phillips:** #0, 1, 2, 3    **Square:** #1, 2    **Slt/Ph Terminal:** #1, 2

**TORX:** T8, T9, T10, T15, T20, T25, T27, T30

**Hex Inch:** 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"

**Nut Driver Inch:** 7/32, 1/4, 5/16, 3/8, 7/16, 1/2"

Insulated Cable Knife & 2 Meter In/MM


**25 Pc. Set**
 **1000Volt**


**32879** 25 Pc. Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  up to 1000 volt. Individually Tested.

Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome/nickel plated, mirror-polished. In tool box.

| Item# 32879                | Set Includes:               | Weight lbs. 11.92 |
|----------------------------|-----------------------------|-------------------|
| 8.0" Long Nose             | 6.3" Stripping Pliers       |                   |
| 9.0" Combination Pliers    | Inch & Metric Folding Ruler |                   |
| 8.0" High Leverage Cutters | 8.5" Insulated Knife        |                   |

**Slotted:** 3.0, 4.5, 6.0mm    **Phillips:** #1, #2

**Square:** #1, #2    **Terminal Block Driver:** #1, #2

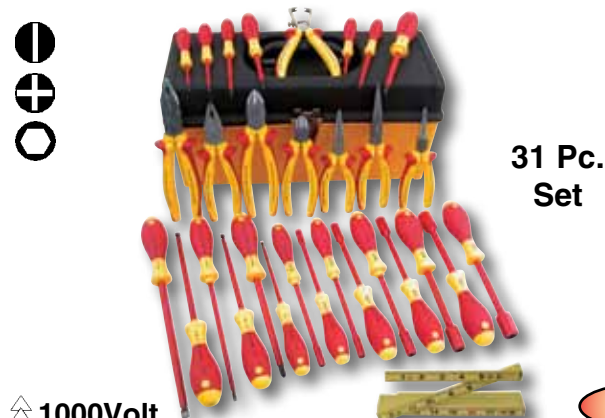
**Inch Nut Driver:** 1/4, 5/16, 11/32, 3/8, 7/16, 1/2"

**Metric Nut Driver:** 7.0, 8.0, 10.0, 13.0mm


**13 Pc. Set**
 **1000Volt**


**32878** 13 Piece Pliers & Screwdriver Set. In canvas tool bag

| Item# 32878                   | Set Includes:              | Weight lbs. 6.60 |
|-------------------------------|----------------------------|------------------|
| 8.0" Long Nose                | 9.0" Combo Pliers/Crimpers |                  |
| 8.0" High Leverage Cutters    | 50mm Cable Stripping Knife |                  |
| Insulated Slotted: 3.0mm      | Insulated Phillips: #1     |                  |
| Insulated Slotted: 4.5mm      | Insulated Phillips: #2     |                  |
| Insulated Slotted: 6.0mm      | Insulated Square: #1       |                  |
| Insulated Slt/Ph Terminal: #1 | Insulated Square: #2       |                  |
| Insulated Slt/Ph Terminal: #2 |                            |                  |


**31 Pc. Set**
 **1000Volt**


**32896** 31 Pc. Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  up to 1000 volt. Individually Tested. Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome/nickel plated, mirror-polished. Set includes 6ft. Fiber glass folding ruler.

| Item# 32896             | Set Includes:              | Weight lbs. 12.85 |
|-------------------------|----------------------------|-------------------|
| 6.3" Long Nose Pliers   | 6.3" Side Cutters          |                   |
| 8.0" Long Nose Pliers   | 8.0" High Leverage Cutters |                   |
| 7.0" Linemans Pliers    | 6.3" Stripping Pliers      |                   |
| 9.0" Combination Pliers | 6.3" Round Nose Pliers     |                   |

**Slotted:** 2.0, 2.5, 3.0, 3.5, 4.5, 5.5, 6.5, 8.0, 10.0mm

**Phillips:** #0, #1, #2, #3

**Inch Nut Driver:** 5/32, 3/16, 7/32, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16"

## Wiha Insulated Pliers with High Visibility Comfort Grip Handle

⚡ 1000Volt



- Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished.
- In zipper carry case

**SHOP**

### 32891 10 Piece Pliers & Screwdriver Set

Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested.

| Item# 32891 Set Includes: ⚡ lbs. 5.54 |                         |
|---------------------------------------|-------------------------|
| 8.0" Combination Pliers               | 8.0" Long Nose          |
| 8.0" Side Cutters                     | 8.0" Cable Cutters      |
| 6.3" Universal Wire Stripper          |                         |
| Insulated Phillips #1                 | Insulated Slotted 4.5mm |
| Insulated Phillips #2                 | Insulated Slotted 6.5mm |
| Insulated Phillips #3                 |                         |



- Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished.
- In zipper carry case

⚡ 1000Volt

**SHOP**

### 32895 14 Piece Pliers & Screwdriver Set

Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested.

| Item# 32895 Set Includes: ⚡ lbs. 6.60 |                            |
|---------------------------------------|----------------------------|
| 8.0" Long Nose                        | 6.3" Side Cutters          |
| 9.0" Combination Pliers               | 8.0" High Leverage Cutters |
| 6.3" Stripping Pliers                 | Insulated Slotted 2.5mm    |
| Insulated Phillips #1                 | Insulated Slotted 3.0mm    |
| Insulated Phillips #2                 | Insulated Slotted 3.5mm    |
| Insulated Phillips #3                 | Insulated Slotted 4.5mm    |
| Insulated Slotted 2.0mm               | Insulated Slotted 6.5mm    |



⚡ 1000Volt

**SHOP**

32888

### 11 Piece Pliers & Screwdriver Set In Canvas Pouch

| Item# 32888 Set Includes: ⚡ lbs. 3.58 |                       |
|---------------------------------------|-----------------------|
| 6.3" Long Nose                        | 6.3" Side Cutters     |
| 8.0" Combination Pliers               | 6.3" Stripping Pliers |
| Insulated Slotted 2.5mm               | Insulated Phillips #0 |
| Insulated Slotted 3.5mm               | Insulated Phillips #1 |
| Insulated Slotted 4.5mm               | Insulated Phillips #2 |
| Insulated Slotted 6.0mm               |                       |



⚡ 1000Volt

**SHOP**

32892

### 10 Piece Pliers & Screwdriver Set. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested.

Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished. In canvas tool bag

| Item# 32892 Set Includes: ⚡ lbs. 6.64 |                         |
|---------------------------------------|-------------------------|
| 8.0" Bent Nose                        | 8.0" Combination Pliers |
| 6.3" Long Nose                        | 6.3" Side Cutters       |
| Insulated Phillips #0                 | Insulated Slotted 3.0mm |
| Insulated Phillips #1                 | Insulated Slotted 4.5mm |
| Insulated Phillips #2                 | Insulated Slotted 6.5mm |



⚡ 1000Volt

**SHOP**

32894

### 12 Piece Pliers & Screwdriver Set In canvas tool bag

| Item# 32894 Set Includes: ⚡ lbs. 8.60 |                            |
|---------------------------------------|----------------------------|
| 8.0" Bent Nose                        | 8.0" Combination Pliers    |
| 6.3" Long Nose                        | 6.3" Side Cutters          |
| Insulated Slotted 4.5mm               | Insulated Nut Driver 1/4"  |
| Insulated Slotted 6.5mm               | Insulated Nut Driver 5/16" |
| Insulated Phillips #1                 | Insulated Nut Driver 3/8"  |
| Insulated Phillips #2                 | Insulated Nut Driver 1/2"  |



## Wiha Insulated Pliers with High Visibility Comfort Grip Handle

- Pliers drop-forged from special tool steel, individually high frequency induction hardened, chrome and nickel plated, mirror-polished.



⚡ 1000Volt

SHOP

### 32889 8 Piece Pliers & Cutters Set

Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested.

| Item# 32889                | Set Includes:          | ⚡ lbs. 4.63 |
|----------------------------|------------------------|-------------|
| 6.3" Long Nose Pliers      | 8.0" Long Nose Pliers  |             |
| 6.3" Lineman's Pliers      | 6.3" Diagonal Cutters  |             |
| 9.0" Lineman's Pliers      | 8.0" High Lev. Cutters |             |
| 6.3" Wire Stripping Pliers | Electrician's Knife    |             |

⚡ 1000Volt

SHOP

### 32869 14 Piece Pliers/Cutters & Screwdrivers Set

Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested.

| Item# 32869                     | Set Includes:              | ⚡ lbs. 6.52 |
|---------------------------------|----------------------------|-------------|
| 9.0" Lineman's Pliers           | 8.0" High Leverage Cutters |             |
| 8.0" Cable Cutters              | 8.0" Long Nose Pliers      |             |
| 6.0" Stripping Pliers 10-20 AWG |                            |             |
| SlimLine Slotted 3.0mm          | SlimLine Phillips #1       |             |
| SlimLine Slotted 4.5mm          | SlimLine Phillips #2       |             |
| SlimLine Slotted 6.5mm          | SlimLine Terminal #2       |             |
| SlimLine Square #1              | Single Pole Tester         |             |
| SlimLine Square #2              |                            |             |



⚡ 1000Volt

SHOP

### 32867 10 Piece Pliers & Screwdriver Set In Canvas Pouch

| Item# 32867             | Set Includes:         | ⚡ lbs. 4.06 |
|-------------------------|-----------------------|-------------|
| 6.3" Diagonal Cutters   | 9.0" Combo Pliers     |             |
| 6.3" Long Nose Pliers   | 6.3" Wire Strippers   |             |
| 7.0" Crimping Pliers    |                       |             |
| Insulated Slotted 4.5mm | Insulated Phillips #1 |             |
| Insulated Slotted 6.0mm | Insulated Phillips #2 |             |
| Insulated Square: #2    |                       |             |



⚡ 1000Volt

SHOP

### 32868 10 Piece Pliers & Screwdriver Set In Canvas Pouch

| Item# 32868             | Set Includes:         | ⚡ lbs. 4.24 |
|-------------------------|-----------------------|-------------|
| 7.0" Diagonal Cutters   | 9.0" Combo Pliers     |             |
| 8.0" Long Nose Pliers   | 6.3" Wire Strippers   |             |
| 7.0" Crimping Pliers    |                       |             |
| Insulated Slotted 3.0mm | Insulated Phillips #1 |             |
| Insulated Slotted 4.5mm | Insulated Phillips #2 |             |
| Insulated Slotted 6.0mm |                       |             |

## WARNING!

Insulated Tools are intended to provide protection against accidental contact with charged energized circuits. For maximum safety we recommend de-energizing all circuits whenever possible before starting work on electrical apparatus or conductors. Always visually inspect insulation on tools before use, do not use tools if insulation shows signs of wear or damage to the insulated areas of the tool. Wear appropriate eye protection when using hand tools. Use NFPA70E certified insulated protective outer wear when appropriate.

## Use & Care Guide For Insulated Tools:

Store tools to minimize risk of damage to insulation, always wear approved eye protection, Inspect insulation prior to each use of any insulated tool. Use insulated tools where the ambient temperature is between -20 to +70° C. Have a qualified safety technician visually inspect insulation on tools annually for safe use.

## Wiha Insulated Pliers & Cutters

### Insulation Standards:

EN/IEC 60900, ASTM F-1505-01,  
and or According to VDE 0682/part 201,  
NFPA70E and CSA


**1000V**

Cutters additionally  
induction hardened

Soft grip ergonomically  
designed handle body

Safety slip  
guard

Hard chrome finish for  
long lasting corrosion  
protection

**Tools Meet 10,000 Volt Test Standards  
Rated to 1000 Volt ac or 1500 Volt dc**

## Insulated Linemans Pliers With Crimpers

### 5-In-1 Lineman's Pliers

64HRC  
cutting edges


**1000volt**

With Lower Crimping Jaw



**32821 Insulated Lineman's Pliers "5-In-1" Professional Design**  
Insulation According to EN/IEC, ASTM, NFPA70E & CSA,  
 **up to 1000 volt. Individually Tested.**

Deep cut radius conduit jaws for non-slip handling. Sure grip knurled & cross hatched flat jaw for non-slip gripping. Extra long induction hardened precision matched cutting edges. Lower crimping jaw accepts most standard non-insulated electrical connectors. Large head with square anvil surface on each side. Made from premium CV tool steel forgings. Two component cushion grips for best user comfort.

| Item  | ↔   | ↔    | Cutting Capacity | 🔌    | 🔌   |
|-------|-----|------|------------------|------|-----|
| No.   | mm  | Inch | Copper AWG       | Pkg. | wt. |
| 32821 | 225 | 9.0  | #4               | 1    | .88 |

## Insulated High Leverage Combination Pliers

Lineman's


**1000volt**


**32820 High Leverage Combination Pliers. Insulation According to EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  up to 1000 volt. Individually Tested. DIN ISO 5746**

Extra long cutting edge for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 64HRC. C60 Special tool steel. Use for gripping, pulling & holding as well as cutting wires and cables ranging in hardness from soft to extremely hard. Two component soft grip ergonomic handles.

| Item  | ↔   | ↔    | Cutting Capacity | 🔌    | 🔌   |
|-------|-----|------|------------------|------|-----|
| No.   | mm  | Inch | Copper AWG       | Pkg. | wt. |
| 32820 | 225 | 9.0  | #4               | 1    | .86 |

## Insulated Combination Lineman's Pliers


**1000volt**


**328 Combination Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  up to 1000 volt. Individually Tested. DIN ISO 5746** Extra long cutting edge for flat & round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 64HRC. Special CV tool steel forgings, Chrome finish. Use for gripping and holding as well as cutting soft and hard wires and cables. Two component soft grip ergonomic handles.

| Item  | ↔   | ↔    | Cutting Capacity | 🔌    | 🔌   |
|-------|-----|------|------------------|------|-----|
| No.   | mm  | Inch | Copper AWG       | Pkg. | wt. |
| 32814 | 160 | 6.3  | #10              | 1    | .53 |
| 32816 | 180 | 7.0  | #9               | 1    | .58 |
| 32818 | 200 | 8.0  | #8               | 1    | .72 |

### Insulated Diagonal Cutters



64HRC  
cutting edges

1000volt

SHOP

### Insulated High Leverage Diagonal Cutters



New dynamic joint provides  
40% easier cuts and  
significantly longer tool life

1000volt

SHOP

### Insulated Electrician's Diagonal Cutters

Strips AWG  
#10 & #14



1000volt

SHOP

### Insulated Serrated Edge Cable Cutters



1000volt

SHOP

### Insulated Crimping Pliers



SHOP

**328 Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. DIN ISO 5749** Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 60 HRC. Special tool steel hardened and tempered. For soft & medium hard wire. 32832 & 32834 for soft, hard & piano wire.

| Item No. | mm  | Inch | Cutting Capacity<br>Copper AWG | Pkg. | wt. |
|----------|-----|------|--------------------------------|------|-----|
| 32830    | 140 | 5.5  | #6                             | 1    | .47 |
| 32832    | 160 | 6.3  | #6                             | 1    | .49 |
| 32834    | 180 | 7.0  | #6                             | 1    | .62 |

**328 High Leverage Diagonal Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested. DIN ISO 5749** Semi-circular. Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 64HRC. C 60 special tool steel hardened and tempered to high quality. For soft, hard and piano wire, lay-on joint, optimized power transmission.

| Item No. | mm  | Inch | Cutting Capacity<br>Copper AWG | Pkg. | wt. |
|----------|-----|------|--------------------------------|------|-----|
| 32835    | 160 | 6.3  | #6                             | 1    | .64 |
| 32836    | 180 | 7.0  | #5                             | 1    | .67 |
| 32838    | 200 | 8.0  | #4                             | 1    | .80 |

**32861 Diagonal Cutters W/Stripping Holes. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt. Individually Tested.** Drop-forged from special tool steel, cutters additionally induction hardened to approx. 64HRC, chrome-nickel plated, mirror-polished. Ergo comfort grip with slip guard. Holes in the cutting edge for stripping copper wire of Ø 1.5 and 2.5.

| Item No. | mm  | Inch | Cutting Capacity<br>Copper AWG | Pkg. | wt. |
|----------|-----|------|--------------------------------|------|-----|
| 32861    | 160 | 6.3  | #6                             | 1    | .55 |

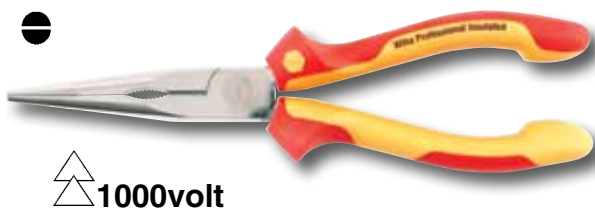
**328 Serrated Edge Cable Cutters. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, up to 1000 Volt. Individually Tested.** Light, clean cutting ground precision cutting edges. Durable cutting is achieved through additional inductive hardening to approx. 64HRC. Special tool steel, hardened & tempered. For cutting of copper & aluminum cables without crushing.

| Item No. | mm  | Inch | Ø  | mm2 | Pkg. | lbs. |
|----------|-----|------|----|-----|------|------|
| 32826    | 160 | 6.3  | 16 | 50  | 1    | .42  |
| 32828    | 200 | 8.0  | 20 | 60  | 1    | .67  |

**32841 Insulated Crimping Pliers. Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA, up to 1000 Volt. Individually Tested.** Semi-circular profiles for secure connection between end sleeve and conductor. Long life is achieved through additional induction hardening to 64HRC. CV 60 special tool steel hardened & tempered.

| Item No. | mm  | Inch | mm2      | AWG  | Pkg. | wt. |
|----------|-----|------|----------|------|------|-----|
| 32841    | 180 | 7.0  | 0.25-2.5 | 6-30 | 1    | .57 |

### Insulated Long Nose Pliers


[SHOP](#)

**328 Long Nose Pliers With Cutters.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  $\Delta$  up to 1000 volt. Individually Tested. Drop-forged from special tool steel, cutters additionally induction hardened to approx. 64HRC, chrome-nickel plated, mirror-polished, ergonomic comfort grip with slip guard, half-round jaws, serrated gripping surface.

| Item  | mm  | Inch | Cutting Capacity | Pkg. | wt. |
|-------|-----|------|------------------|------|-----|
| No.   |     |      | Copper AWG       |      |     |
| 32806 | 160 | 6.3  | #10              | 1    | .32 |
| 32808 | 200 | 8.0  | #8               | 1    | .42 |

### Insulated Bent Nose Pliers

Angled 40°


[SHOP](#)

**328 Bent Nose Pliers With Cutters.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  $\Delta$  up to 1000 volt. Individually Tested.

Drop-forged from special tool steel, cutters additionally induction hardened to approx. 64HRC, chrome-nickel plated, mirror-polished. Ergonomic comfort grip with slip guard. Half-round jaws, serrated gripping surface, nose bent 40°.

| Item  | mm  | Inch | Cutting Capacity | Pkg. | wt. |
|-------|-----|------|------------------|------|-----|
| No.   |     |      | Copper AWG       |      |     |
| 32804 | 200 | 8.0  | #8               | 1    | .43 |
| 32807 | 160 | 6.3  | #10              | 1    | .32 |

### Round Nose Pliers



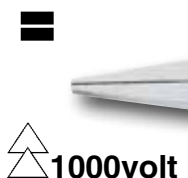
1000volt


[SHOP](#)

**32870 Round Nose Pliers.** Insulation According to VDE 0682/part 01, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  $\Delta$  up to 1000 volt. Individually Tested. Drop-forged from special tool steel, individually induction hardened, chrome and nickel plated, mirror-polished. Ergonomic comfort grip with slip guard. Serrated jaws.

| Item  | mm  | Inch | Pkg. | wt. |
|-------|-----|------|------|-----|
| No.   |     |      |      |     |
| 32870 | 160 | 6.3  | 1    | .34 |

### Insulated Long Flat Nose Pliers



1000volt


[SHOP](#)

**32810 Long Flat Nose Pliers.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  $\Delta$  up to 1000 volt. Individually Tested. DIN ISO 5745 Extra long head. Serrated Jaws are induction hardened. Special CV tool steel forgings, Chrome finish. Two component Soft Grip handles. Use for Gripping and right-angle bending of wires and sheet metal parts.

| Item  | mm  | Inch | Pkg. | wt. |
|-------|-----|------|------|-----|
| No.   |     |      |      |     |
| 32810 | 160 | 6.3  | 1    | .39 |

### Insulated Stripping Pliers

64HRC  
cutting edges
[SHOP](#)

**32860 Stripping Pliers.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  $\Delta$  up to 1000 volt. Individually Tested. Heavy duty forged, induction hardened cutting edges for even stripping of insulation. Drop-forged from special tool steel, chrome and nickel plated, mirror-polished. Spring and adjusting screw, for stripping up to Ø 5mm/#4 Awg.

| Item  | mm  | Inch | Stripping Capacity | Pkg. | wt. |
|-------|-----|------|--------------------|------|-----|
| No.   |     |      | Copper AWG         |      |     |
| 32860 | 160 | 6.3  | #8 - #28           | 1    | .50 |

### Wiha Canvas Pliers Holster

- Canvas holster with belt clip and belt loop
- Security pliers strap
- Screwdriver holder in the front

[SHOP](#)

#### 91256 Pliers Canvas Holster

| Item  | Width | Height | lbs. | pkg. |
|-------|-------|--------|------|------|
| No.   | Size  | Size   |      |      |
| 91256 | 3.5 x | 6.75   | .15  | 1    |



## Insulated Stripping Pliers

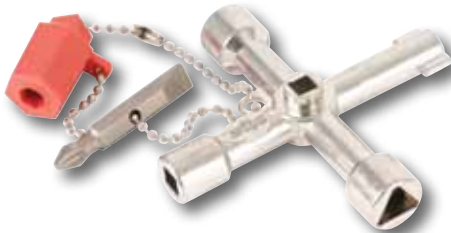


### 1000Volt

**10250 Insulated Stripping Pliers.** Insulation According to EN/IEC 60900, DIN ISO 8976, ASTM F-1505 & CSA Specification. Individually Tested. Wide long head with ridged gripping surface, shears blade and firm wire stripping stations. Wire stripping stations 0.81 / 1.0 / 1.3 / 1.6 / 2.0 / 2.59mm, AWG 20 / 18 / 16 / 14 / 12 / 10.

| Item No. | mm  | Inch | Ø         | AWG   | Pkg. | lbs. |
|----------|-----|------|-----------|-------|------|------|
| 10250    | 160 | 6.3" | 0.81-2.59 | 20-10 | 5    | .26  |

## Switch Cabinet Key



### 21103 Switch Cabinet Keys

For applications with all common switch cabinets and locking systems. Diecast Zinc

| Item No. | mm | Inch | Pkg. | lbs. |
|----------|----|------|------|------|
| 21103    | 76 | 3.0" | 5    | .22  |

## Protturn Insulated Electrician's Shears



### 32951 Protturn Insulated Electrician's Shears

Insulation meets VDE, ASTM F1505, EN/IEC 60900, CSA, NFPA 70E, OSHA Specifications. Made from stainless 420 grade steel

| Item No. | mm  | Inch | Pkg. | lbs. |
|----------|-----|------|------|------|
| 32951    | 160 | 6.3  | 1    | .22  |

Tools Meet  
10,000 Volt Test Standards  
Rated to 1000Volt ac or 1500 Volt dc

### 91230 Inomic Canvas Holster

| Item No. | Width | Height | Weight   | Pkg. |
|----------|-------|--------|----------|------|
| 91230    | 4.0 x | 4.5    | .05 lbs. | 1    |

Holds any Inomic Pliers



## Wiha Inomic 1000Volt Insulated Pliers



Award winning ergonomic design with head mounted at 23° angle to grip for reduced user fatigue

Each tool includes a convenient jaw lock & handle return spring

Heads drop forged CV premium tool steel



32850

32852

32854



### 1000volt

Tools Meet 10,000 Volt Test Standards Rated to 1000 Volt ac or 1500 Volt dc



**32850 Inomic Combo Pliers.** Insulation According to EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, up to 1000 volt.

Individually Tested. DIN ISO 5749 Precision machined forged head. Induction hardened for longest tool life. Cross hatched flat jaw & deep cut radius jaws for secure gripping of the work piece. Cutting edges are matched for precise cutting action. Award winning ergonomic design with head mounted at 23° angle to grip for reduced user fatigue. Palm side of grip has molded soft panel for added comfort in prolonged use.

| Item No. | mm  | Inch | Cutting Capacity Copper AWG | Pkg. | lbs. |
|----------|-----|------|-----------------------------|------|------|
| 32850    | 180 | 7.0  | #6                          | 1    | .46  |

### 32852 Inomic Long Nose Pliers

| Item No. | mm  | Inch | Cutting Capacity Copper AWG | Pkg. | lbs. |
|----------|-----|------|-----------------------------|------|------|
| 32852    | 160 | 6.3  | #6                          | 1    | .43  |

### 32854 Inomic Diagonal Cutters

| Item No. | mm  | Inch | Cutting Capacity Copper AWG | Pkg. | lbs. |
|----------|-----|------|-----------------------------|------|------|
| 32854    | 160 | 6.3  | #6                          | 1    | .41  |

**Insulation Standards:**  
EN/IEC 60900,  
ASTM F-1505-01,  
NFPA70E & CSA



### 1000Volt

### 32859 3 Pc. Insulated Inomic Pliers/Cutters Set

Award winning ergonomic design with head mounted at 23° angle to grip for reduced user fatigue.

Item# 32859 Set Includes: lbs. 1.45

|                          |                                     |
|--------------------------|-------------------------------------|
| 32850 - Combo Pliers     | 32854 - Diagonal Cutters            |
| 32852 - Long Nose Pliers | 91230 - Inomic Holster (Includes 3) |

Three Holsters Included

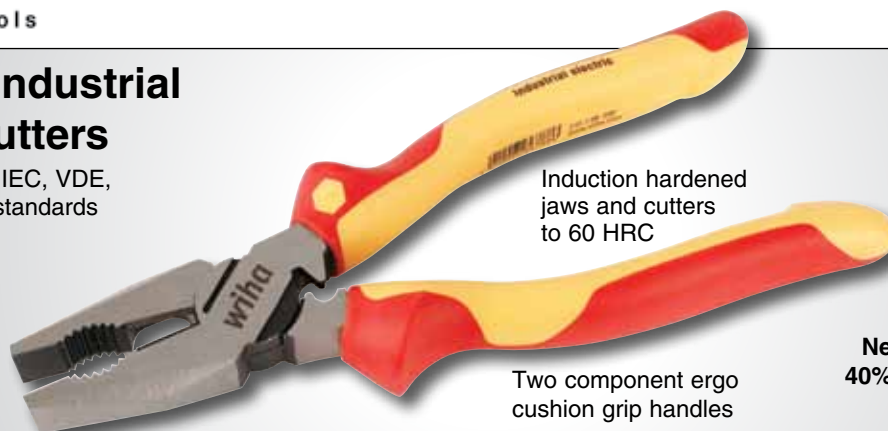


## Insulated Industrial Pliers & Cutters

Tools meet ASTM, IEC, VDE, EN, NFPA & CSA standards

10,000 Volt tested  
1000 Volt Rated

Industrial  
brushed finish



Induction hardened  
jaws and cutters  
to 60 HRC

Two component ergo  
cushion grip handles

 **1000V**



New dynamic joint provides  
**40% easier cuts & significantly  
longer tool life**

## Insulated Lineman's Pliers With Crimpers

64HRC  
cutting edges



Long life high  
performance  
dynamic 60/40 joint

 **1000volt**

**SHOP**

**32917 Insulated Industrial Lineman's Pliers "5-In-1" Professional Design** Insulation According to EN/IEC, ASTM, NFPA70E & CSA,  **up to 1000 volt. Individually Tested.** Deep cut radius conduit jaws for non-slip handling. Sure grip knurled & cross hatched flat jaw for non-slip gripping. Extra long induction hardened precision matched cutting edges. Lower crimping jaw accepts most standard non-insulated electrical connectors. Large head with square anvil surface on each side. Premium CV tool steel forgings.

| Item  | ↔   | ↔    | Cutting Capacity | ↔    | ↔   |
|-------|-----|------|------------------|------|-----|
| No.   | mm  | Inch | Copper AWG       | Pkg. | wt. |
| 32917 | 225 | 9.0  | #4               | 1    | .98 |

## Insulated Long Nose Pliers With Cutters



 **1000volt**

**SHOP**

**329 Insulated Industrial Long Nose Pliers With Cutters.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  **up to 1000 volt. Individually Tested.** Drop-forged from special tool steel, cutters additionally induction hardened to approx. 64HRC, half-round jaws, serrated gripping surface. Industrial brushed finish. Ergonomic comfort grip with slip guard.

| Item  | ↔   | ↔    | Cutting Capacity | ↔    | ↔   |
|-------|-----|------|------------------|------|-----|
| No.   | mm  | Inch | Copper AWG       | Pkg. | wt. |
| 32926 | 160 | 6.3  | #10              | 1    | .36 |
| 32923 | 200 | 8.0  | #8               | 1    | .46 |

## Insulated Diagonal Cutters



Long life high performance  
dynamic 60/40 joint

 **1000volt**

**SHOP**

**329 Insulated Industrial Diagonal Cutters.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  **up to 1000 volt. Individually Tested.** DIN ISO 5749 Low wear lap joint, riveted and able to withstand high levels of load. Lightweight action, clean cutting. Long term cutting is achieved through additional inductive hardening to approx. 64HRC. Special tool steel hardened & tempered. Industrial brushed finish. For soft, medium hard wire & piano wire.

| Item  | ↔   | ↔    | Cutting Capacity | ↔    | ↔   |
|-------|-----|------|------------------|------|-----|
| No.   | mm  | Inch | Copper AWG       | Pkg. | wt. |
| 32933 | 160 | 6.3  | #6               | 1    | .64 |
| 32929 | 200 | 8.0  | #6               | 1    | .80 |

## Insulated Stripping Pliers



 **1000volt**

**SHOP**

**32947 Insulated Industrial Stripping Pliers.** Insulation According to VDE 0682/part 201, DIN 7437, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, **1000 volt rated. Individually Tested.** DIN ISO 5745 Made from Premium CV tool steel forgings. Induction hardened jaws and cutters to 64HRC. Industrial brushed finish. Two component ergo cushion grips for best user comfort. Spring & adjusting screw, for stripping up to Ø 5mm/#4 Awg.

| Item  | ↔   | ↔    | Stripping Capacity | ↔    | ↔   |
|-------|-----|------|--------------------|------|-----|
| No.   | mm  | Inch | Copper AWG         | Pkg. | wt. |
| 32947 | 160 | 6.3  | #8 - #28           | 1    | .46 |

### Insulated Combo Pliers With Dynamic Joint

 1000volt

 Long life high performance  
 dynamic 60/40 joint

[SHOP](#)

### Insulated Heavy Duty Cable Cutters

 1000volt

[SHOP](#)

### Insulated Crimpers

 1000volt

[SHOP](#)

### Insulated Water Pump Pliers

 1000volt

[SHOP](#)

### Insulated Push Button Water Pump Pliers

 1000volt

[SHOP](#)

**32930 Insulated Industrial High Leverage Combination Pliers.** Insulation According to EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA,  up to 1000 volt. Individually Tested. DIN ISO 5746 Extra long cutting edge for flat and round cables. Serrated jaws. Cutting edges additionally induction hardened to approx. 64HRC. Use for gripping, pulling & holding as well as cutting wires and cables ranging in hardness from soft to extremely hard. Industrial brushed finish. Two component soft grip ergonomic handles.

| Item  | ↔   | ↔    | Cutting Capacity |      |     |
|-------|-----|------|------------------|------|-----|
| No.   | mm  | Inch | Copper AWG       | Pkg. | wt. |
| 32930 | 200 | 8.0  | #4               | 1    | .92 |

**32927 Insulated Industrial Serrated Edge Cable Cutters.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Light, clean cutting ground precision cutting edges. Durable cutting is achieved through additional inductive hardening to approx. 64HRC. Premium CV tool steel forgings. For cutting of copper & aluminum cables without crushing. Two component ergo cushion grips for best user comfort.

| Item  | ↔   | ↔    |    |     |      |      |
|-------|-----|------|----|-----|------|------|
| No.   | mm  | Inch | Ø  | mm2 | Pkg. | lbs. |
| 32927 | 200 | 8.0  | 20 | 60  | 1    | .78  |

**32945 Insulated Industrial Crimping Pliers.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Semi-circular profiles for secure connection between end sleeve and conductor. Long life is achieved through additional induction hardening to 64HRC. Industrial brushed finish. Two component ergo cushion grips for best user comfort. Crimps 6 - 30 AWG Connectors.

| Item  | ↔   | ↔    |          |      |      |     |
|-------|-----|------|----------|------|------|-----|
| No.   | mm  | Inch | mm2      | AWG  | Pkg. | wt. |
| 32945 | 180 | 7.0  | 0.25-2.5 | 6-30 | 1    | .64 |

**32954 Insulated Industrial Water Pump Pliers.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. 10 opening settings provides optimal adjustment to objects being gripped. Long life achieved through additional induction hardening of jaws to approx. 62HRC. Chrome-vanadium tool steel forgings, hardened and tempered. Black finish.

| Item  | ↔   | ↔    | Capacities |      |     |
|-------|-----|------|------------|------|-----|
| No.   | mm  | Inch | Round Hex  | Pkg. | wt. |
| 32954 | 250 | 10.0 | 1 3/4 2    | 1    | .90 |

**32956 Insulated Industrial Push Button Water Pump Pliers.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E and CSA,  up to 1000 Volt. Individually Tested. Extra narrow head for working in small spaces. Rapid and simple push button setting & locking. Long life achieved through additional induction hardening of jaws to approx. 62HRC. Finger jam protection for safe operation at all settings. CVM tool steel forgings, hardened & tempered.

| Item  | ↔   | ↔    | Capacities |      |     |
|-------|-----|------|------------|------|-----|
| No.   | mm  | Inch | Round Hex  | Pkg. | wt. |
| 32956 | 250 | 10.0 | 1 3/4 2"   | 1    | .90 |

## Wiha Insulated Industrial Tool Sets



### 32982 3 Pc. Insulated Industrial Pliers/Cutters & Voltage Detector

**Item No. Insulated Pliers/Cutters & Voltage Detector**

**32982** 6.3" Long Pliers, 6.3" Diagonal Cutters

Voltage Detector with both light and sound alerts

lbs. .98



Tools meet ASTM,  
IEC, VDE, EN,  
NFPA & CSA  
standards

**1000Volt**

Tool box set  
in blow molded tray

### 32999 9 Piece Insulated Industrial Pliers & Cutters Set

Insulated pliers & cutters set in a light weight tool box tray.

**Item No. 9.0" Lineman's Pliers 8.0" High Lev. Combo Pliers**

**32999** 6.3" Long Nose Pliers 8.0" Cable Cutters

8.0" Long Nose Pliers 6.3" Stripping Pliers

lbs. 6.3" Diagonal Cutters 7.0" Crimping Pliers

6.34 8.0" Diagonal Cutters



Tools meet ASTM,  
IEC, VDE, EN,  
NFPA & CSA  
standards

**1000Volt**

### 32985 7 Pc. Insulated Industrial Pliers/Cutters & Screwdrivers

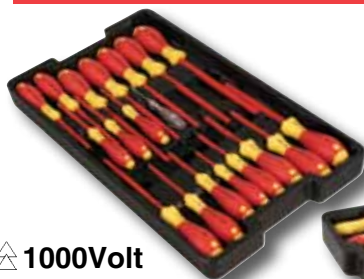
**Item No. Insulated Pliers/Cutters & Screwdrivers**

**32985** 8.0" Combo Pliers, 6.3" Long Nose, 6.3" Diagonal Cutters

**Insulated Drivers:** Slotted: 3.0, 4.5mm • Phillips: #1, #2

lbs. 2.30

## Wiha Insulated Tool Tray Sets



Tools meet ASTM,  
IEC, VDE, EN,  
NFPA & CSA  
standards

**1000Volt**

Tool box set  
in blow molded trays



Tools meet ASTM,  
IEC, VDE, EN,  
NFPA & CSA  
standards

Individually Tested



**1000Volt**

### 32981 3 Pc. Insulated Industrial Pliers & Cutters

**Item No. Insulated Pliers & Cutters**

**32981** 8.0" Combo Pliers, 8.0" Long Pliers, 8.0" Diagonal Cutters

lbs. 2.18



Tools meet ASTM,  
IEC, VDE, EN,  
NFPA & CSA  
standards

Individually Tested



**1000Volt**

### 32983 5 Pc. Insulated Industrial Diagonal Cutters & Screwdrivers

**Item No. Insulated Diagonal Cutters & Screwdrivers**

**32983** 6.3"/160mm Diagonal Cutter

**Insulated Drivers:** Slotted: 3.0, 4.5mm • Phillips: #1, #2

lbs. 1.17



Tools meet ASTM,  
IEC, VDE, EN,  
NFPA & CSA  
standards

Individually Tested



### 32984 6 Pc. Insulated Industrial Combo Pliers & Screwdrivers

**Item No. Insulated Combination Pliers & Screwdrivers**

**32984** 8.0" Combination Pliers & 8" Long Nose Pliers

**Drivers:** Slotted: 3.0, 4.5mm • Phillips: #2 • Square: #2

lbs. 2.06

### 32989 28 Piece Insulated Industrial Pliers & Cutters Set

Insulated pliers & cutters set in a light weight tool box tray.

**Item No. Set Includes:**

**32989** 9.0" Lineman's Pliers

8.0" High Leverage Combo Pliers

6.3" & 8.0" Long Nose Pliers

8.0" Cable Cutters

6.3" & 8.0" Diagonal Cutters

6.3" Stripping Pliers

7.0" Crimping Pliers

Slotted: 2.5, 3.0, 3.5, 4.0, 4.5, 5.5, 6.0, 6.5, 8.0, 10.0mm

Phillips: #0, #1, #2, #3

Xeno Slotted/Phillips: #1, #2 & Square: #1, #2

Voltage Detector 3.0mm 110-225Volts

lbs.

6.34

## Wiha Insulated Industrial Tool Sets

In Roll  
Out  
Pouch



⚡ 1000Volt



[SHOP](#)

**32986 11 Pc. Pliers & Screwdriver Set.** Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505-01, NFPA70E, ⚡ up to 1000 volt. Individually Tested. In Roll Out Pouch  
Item# 32986 Set Includes: ⚡ lbs. 3.62  
6.3" Long Nose Pliers 6.3" Diagonal Cutters  
8.0" Combination Pliers 6.3" Stripping Pliers  
Insulated Slotted: 3.0, 4.5, 5.5mm  
Insulated Phillips: #1, #2 Insulated Square: #1, #2

In Roll  
Out  
Pouch



⚡ 1000Volt



[SHOP](#)

**32987 8 Pc. Pliers & Cutters Set.** Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505-01, NFPA70E, ⚡ up to 1000 volt. Individually Tested. In Roll Out Pouch  
Item# 32987 Set Includes: ⚡ lbs. 5.52  
6.3" Long Nose Pliers 6.3" Diagonal Cutters  
8.0" Long Nose Pliers 8.0" H.D. Diagonal Cutters  
9.0" Lineman's w/Cutters 6.3" Stripping Pliers  
8.0" Cable Cutters 7.0" Crimpers

⚡ 1000Volt

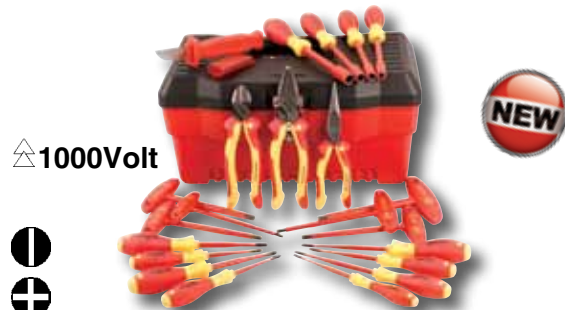


In Roll  
Out  
Pouches



[SHOP](#)

**32988 22 Pc. Pliers & Cutters Set.** Insulation According to VDE 0682/part 201, DIN EN 60900, EN/IEC 60900, ASTM F-1505-01, NFPA70E, ⚡ up to 1000 volt. Individually Tested. In Roll Out Pouches  
Item# 32988 Set Includes: ⚡ lbs. 5.74  
8.0" Long Nose Pliers 6.3" Diagonal Cutters  
9.0" Lineman's w/Cutters 8.0" H.D. Diagonal Cutters  
8.0" Cable Cutters 6.3" Stripping Pliers  
7.0" Crimping Pliers  
15 Pc. *SlimLine* Blade Set includes: Insulated *SlimLine* Blade Holder  
Slotted: 3.0, 4.0, 5.5, 6.5 Phillips: #1, #2 Xeno: #1, #2  
**TORX**: T8, T10, T15, T20 Square: #1, #2



⚡ 1000Volt



[SHOP](#)

**32973 22 Pc. Pliers & Driver Set.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. In molded tool box  
Item# 32973 Set Includes: ⚡ lbs. 8.70  
9.0" Linemans Pliers W/Cutters 8.0" Long Nose Pliers W/Cutter  
8.0" Diagonal Cutters 50mm Cable Stripping Knife  
Insulated Slim Phillips #1, 2 Insulated Slim Slotted 3.5, 4.5mm  
Insulated Slim Xeno #1, 2 Insulated Slim Square #1, 2  
Insulated T-handle Hex Inch: 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"  
Insulated Inch Nut Drivers: 3/8, 7/16, 1/4, 5/16"



Now in  
canvas  
tool bag

⚡ 1000Volt



[SHOP](#)

**32390 11 Pc. Pliers & Driver Set.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. In canvas tool bag  
Item# 32390 Set Includes: ⚡ lbs. 6.30  
8.0" Linemans Pliers 6.3" Long Nose Pliers W/Cutter  
8.0" Long Nose Pliers W/Cutter 6.3" Diagonal Cutter  
8.0" High Leverage Cutter  
Insulated Phillips #0, 1, 2 Insulated Slotted 3.0, 4.5, 6.5mm



⚡ 1000Volt

[SHOP](#)

**32399 10 Pc. Pliers & Driver Set.** Insulation According to VDE 0682/part 201, EN/IEC 60900, ASTM F-1505-01, NFPA70E & CSA, ⚡ up to 1000 volt. Individually Tested. In canvas zipper pouch  
Item# 32399 Set Includes: ⚡ lbs. 5.74  
8.0" Linemans Pliers 8.0" Long Nose Pliers W/Cutter  
8.0" Diagonal Cutter 6.3" Wire Stripper  
10.0" Adjustable Pliers  
Insulated Phillips #1, 2 Insulated Slotted 3.0, 4.5, 6.5mm

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|----------|------|----------|------|----------|------|----------|------|----------|------|
| 10250    | 37   | 20011    | 5    | 21032    | 7    | 28347    | 20   | 31435    | 12   |
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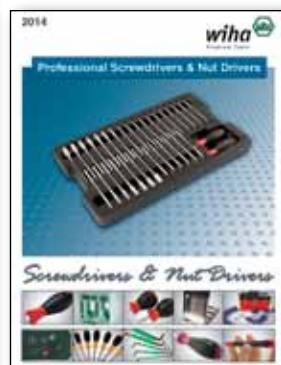
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