



2ZV-5/8



## 1000V OFFSET BOX END WRENCH - SAE

For protection against inadvertent shock when working on circuits up to 1000V.

Product Code	Size (Inches)	Overall Length (Inches)	Open End Width (Inches)	Open End Thickness (Inches)
2ZV-5/16	5/16	6	1/2	1/4
2ZV-3/8	3/8	6 1/4	5/8	1/4
2ZV-7/16	7/16	7	3/4	3/8
2ZV-1/2	1/2	7 1/2	3/4	3/8
2ZV-9/16	9/16	7 3/4	1	3/8
2ZV-5/8	5/8	7 7/8	1	3/8
2ZV-3/4	3/4	8	1	3/8
2ZV-11/16	11/16	8 3/4	1 1/8	3/8
2ZV-13/16	13/16	9 1/4	1 1/4	1/2
2ZV-7/8	7/8	9 3/4	1 1/4	1/2
2ZV-15/16	15/16	10 1/2	1 3/8	1/2
2ZV-1	1	10 3/4	1 1/2	1/2
2ZV-1.1/16	1 1/16	11	1 1/2	1/2

### Features

- 2 layer coating insulation with different colors plus a 3rd one in black to further protect handle edges on spanners from 6 mm to 16 mm. Red: safety. Yellow: danger
  - 3 layer coating insulation with different colors plus a 4th one in black to further protect handle edges on spanners from 17 mm to 32 mm. Red: safety. Orange: danger. Yellow: high danger
  - Material: Chrome-Vanadium steel
- Opening tolerance according to ISO 691



2MV16



## 1000V OFFSET BOX END WRENCH - METRIC

For protection against inadvertent shock when working on circuits up to 1000V.

Product Code	Size (mm)	Overall Length (Inches)	Box End Diameter (Inches)	Box End Thickness (Inches)
2MV6	6	5 1/2	3/8	1/4
2MV7	7	5 3/4	1/2	1/4
2MV8	8	6	1/2	1/4
2MV9	9	6	3/8	1/4
2MV10	10	6 1/4	5/8	1/4
2MV11	11	6 3/4	3/4	1/4
2MV12	12	7	3/4	3/8
2MV13	13	7	3/4	3/8
2MV14	14	7 1/2	3/4	3/8
2MV15	15	7 3/4	1	3/8
2MV16	16	7 7/8	1	3/8
2MV17	17	8	1	3/8
2MV18	18	8 1/2	1	3/8
2MV19	19	8 3/4	1 1/8	3/8
2MV21	21	9 1/4	1 1/4	1/2
2MV22	22	9 3/4	1 1/4	1/2
2MV23	23	10	1 3/8	1/2
2MV24	24	10 1/2	1 3/8	1/2

### Features

- 2 layer coating insulation with different colors plus a 3rd one in black to further protect handle edges on spanners from 6 mm to 16 mm. Red: safety. Yellow: danger
  - 3 layer coating insulation with different colors plus a 4th one in black to further protect handle edges on spanners from 17 mm to 32 mm. Red: safety. Orange: danger. Yellow: high danger
  - Material: Chrome-Vanadium steel
- Opening tolerance according to ISO 691



2820V13



## 1000V CROSS WRENCH

For protection against inadvertent shock when working on circuits up to 1000V.

Product Code	Length (mm)	Opening (mm)
2820V13	210	7x9x11x13
2820V17	210	8x10x13x17

### Features

- 2 layer coating insulation with different colors Red: safety. Yellow: danger
  - Material: Chrome-Vanadium steel
  - 6 point openings with standard profile
- Opening tolerance according to ISO 691





### 1000V OPEN END WRENCH - SAE

For protection against inadvertent shock when working on circuits up to 1000V

Product Code	Size (Inches)	Overall Length (Inches)	Open End Width (Inches)	Open End Thickness (Inches)	Layers Coating
6ZV-5/16	5/16	3 3/8	1 1/16	3/16	2
6ZV-3/8	3/8	4 1/4	1 9/16	3/16	2
6ZV-7/16	7/16	4 9/16	1	3/16	2
6ZV-1/2	1/2	5 1/2	1 1/4	1/4	2
6ZV-9/16	9/16	6	1 1/4	1/4	2
6ZV-5/8	5/8	6 3/16	1 1/4	1/4	2
6ZV-11/16	11/16	6 3/8	1 7/16	1/4	3
6ZV-3/4	3/4	7	1 11/16	5/16	3
6ZV-13/16	13/16	7 1/4	1 13/16	5/16	3
6ZV-7/8	7/8	7 3/8	1 3/8	5/16	3
6ZV-15/16	15/16	8 1/4	2	5/16	3
6ZV-1	1	8 3/8	2 1/8	5/16	3
6ZV-1.1/16	1 1/16	8 3/8	2 1/4	3/8	3
6ZV-1.1/8	1 1/8	9 1/4	2 3/8	0.38	3
6ZV-1.3/16	1 3/16	9 7/16	2 1/2	3/8	3
6ZV-1.1/4	1 1/4	9 13/16	2 11/16	3/8	3

#### Features

- 2 layer coating insulation with different colors plus a 3rd one in black to further protect handle edges on spanners from 5/16" to 3/4". Red: safety. Yellow: danger
- 3 layer coating insulation with different colors plus a 4th one in black to further protect handle edges on spanners from 13/16" to 1 1/4". Red: safety. Orange: danger. Yellow: high danger
- Material: Chrome-Vanadium steel

Opening tolerance according to ISO 691



6ZV-1



### 1000V OPEN END WRENCH - METRIC

For protection against inadvertent shock when working on circuits up to 1000V

Product Code	Size (mm)	Overall Length (Inches)	Open End Width (Inches)	Open End Thickness (Inches)	Layers Coating
6MV6	6	3 3/8	9/16	1/8	2
6MV7	7	3 3/8	1 1/16	1/8	2
6MV8	8	3 3/8	1 1/16	3/16	2
6MV9	9	3 3/8	1 3/16	3/16	2
6MV10	10	4 1/4	1 3/16	3/16	2
6MV11	11	4 9/16	1	3/16	2
6MV12	12	5	1 1/8	3/16	2
6MV13	13	5 3/16	1 1/4	3/16	2
6MV14	14	5 1/2	1 1/4	1/4	2
6MV15	15	6	1 1/4	1/4	2
6MV16	16	6 3/16	1 1/4	1/4	2
6MV17	17	6 3/8	1 3/16	1/4	3
6MV18	18	6 7/8	1 9/16	1/4	3
6MV19	19	6 3/4	1 3/8	1/4	3
6MV20	20	7	1 11/16	5/16	3
6MV21	21	7 1/4	1 13/16	5/16	3
6MV22	22	7 3/8	1 7/8	5/16	3
6MV23	23	8	1 7/8	5/16	3
6MV24	24	8 1/4	2	3/8	3
6MV27	27	8 3/4	2 3/16	3/8	3
6MV30	30	9 7/16	2 1/2	3/8	3
6MV32	32	9 13/16	2 11/16	3/8	3

#### Features

- 2 layer coating insulation with different colors plus a 3rd one in black to further protect handle edges on spanners from 6 mm to 16 mm. Red: safety. Yellow: danger
- 3 layer coating insulation with different colors plus a 4th one in black to further protect handle edges on spanners from 17 mm to 32 mm. Red: safety. Orange: danger. Yellow: high danger
- Material: Chrome-Vanadium steel

Opening tolerance according to ISO 691



6MV-27

WRENCHES

INSULATED TOOLS





8071V



## 1000V ADJUSTABLE WRENCHES

For protection against inadvertent shock when working on circuits up to 1000V.

Product Code	Length (inches)	Max Jaw Opening	Head Thickness
8070V	6	3/4	7/16
8071V	8	1 1/16	1/2
8072V	10	1 3/16	5/8
8073V	12	1 5/16	3/4
8074V	15	1 3/4	1 1/16

### Features

- 3 layer coating insulation with different colors plus a 4th one in black to further protect handle edges. Red: safety, Orange: Caution, Yellow: danger
- Material: Chrome-Vanadium steel
- The movable jaw slides easily by smoothly operating the thumb screw

Complies with ISO and ANSI torque requirements.  
Head dimensions comply with ISO 6787 standards



8071VLT



## 1000V ADJUSTABLE WRENCHES FULLY INSULATED

For protection against inadvertent shock when working on circuits up to 1000V.

Product Code	Length (inches)	Max Jaw Opening	Head Thickness
8071VLT	8	1 1/4	3/4
8072VLT	10	1 3/8	1
8073VLT	12	1 1/2	1 1/4

### Features

- 3 layer coating insulation on the complete wrench with different colors plus a 4th one in black to further protect handle edges. Red: safety Orange: Caution, Yellow: danger
  - Chrome-Vanadium steel
  - The movable jaw slides easily by smoothly operating the side screw
- Exceed ISO and ANSI torque requirements



ADJUSTABLE WRENCHES

INSULATED TOOLS



### 1000V HEX KEY

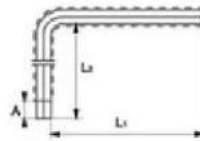
For protection against inadvertent shock when working on circuits up to 1000V

Product Code	Size (MM)	Overall Length (Inches)	Non-Insulated Tip Length (Inches)	Key Length (Inches)
1999MV-3	3	4 3/4	5/16	3
1999MV-4	4	4 3/4	5/16	3
1999MV-5	5	4 3/4	5/16	3
1999MV-6	6	4 3/4	3/8	3 3/8
1999MV-7	7	4 3/4	3/8	3 3/8
1999MV-8	8	4 3/4	3/8	4
1999MV-9	9	4 3/4	1/2	4
1999MV-10	10	4 3/4	1/2	4 1/2
1999MV-12	12	4 3/4	1/2	5

#### Features

- 3 layer coating insulation with different colors plus a 4th one in black to further protect handle edges. Red: safety. Orange: danger. Yellow: high danger
- Material: Chrome-Vanadium steel

Hex dimensions and torque requirements comply with those given in ISO standards



1999MV-3



### 1000V T-HANDLE SOCKET WRENCH

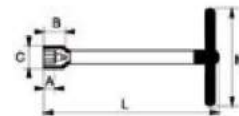
For protection against inadvertent shock when working on circuits up to 1000V

Product Code	Size (MM)	Overall Length (Inches)	Broach Depth (Inches)	Bolt Clearance (Inches)	Working End Diameter (Inches)	Handle Length (Inches)
28MV-8	8	7 3/4	5/16	1 1/4	5/8	5
28MV-9	9	7 3/4	5/16	1 1/4	11/16	5
28MV-10	10	7 3/4	5/16	1 1/4	3/4	5
28MV-11	11	7 3/4	3/8	1 1/2	13/16	5
28MV-12	12	7 3/4	3/8	1 3/4	7/8	5 1/2
28MV-13	13	7 3/4	1/2	1 3/4	7/8	5 1/2
28MV-14	14	7 3/4	1/2	1 3/4	1	5 1/2
28MV-15	15	7 3/4	1/2	1 3/4	1	5 1/2
28MV-16	16	7 3/4	1/2	2	1 1/8	5 1/2
28MV-17	17	7 3/4	1/2	2	1 1/8	5 1/2
28MV-18	18	7 3/4	1/2	2 1/4	1 1/8	5 1/2
28MV-19	19	7 3/4	11/16	2 1/4	1 1/4	5 1/2
28MV-20	20	7 3/4	25/32	2 1/2	1 1/4	5 1/2
28MV-21	21	7 3/4	25/32	2 1/2	1 1/4	5 1/2
28MV-22	22	7 3/4	25/32	2 1/2	1 3/8	5 1/2

#### Features

- 3 layer coating insulation with different colors plus a 4th one in black to further protect handle edges. Red: safety. Orange: danger. Yellow: high danger
- Material: Chrome-Vanadium steel
- 6 point Dynamic-Drive Profile

Opening tolerance according to ISO 691



28MV-10

