

1000V INSULATED RATCHETS



1/4" Dr. Round Head Ratchet

Part No.	Length in.	No. of Teeth	Weight lbs.
10842-I	5 3/4	42	0.50

Individually insulated and tested to ASTM F1505 Standards. ⚡



3/8" Dr. Round Head Ratchet

Part No.	Length in.	No. of Teeth	Weight lbs.
20842-I	8 1/4	42	1.00

Individually insulated and tested to ASTM F1505 Standards. ⚡



1/2" Dr. Round Head Ratchet

Part No.	Length in.	No. of Teeth	Weight lbs.
30842-I	10 1/4	42	1.62

Individually insulated and tested to ASTM F1505 Standards. ⚡



Important: An insulated extension is always required between the ratchet and the socket.

1000V INSULATED EXTENSIONS

1/4" Ratchet Extension

Part No.	Length in.	Weight lbs.
V606-I	6	0.19

Individually insulated and tested to ASTM F1505 Standards.⚠



3/8" Ratchet Extensions

Part No.	Length in.	Weight lbs.
T31-I	3	0.25
T4-I	6	0.43
T41-I	8	0.56

Individually insulated and tested to ASTM F1505 Standards.⚠



1/2" Ratchet Extensions

Part No.	Length in.	Weight lbs.
718-I	5	1.00
719-I	10	1.25

Individually insulated and tested to ASTM F1505 Standards.⚠



1000V INSULATED RATCHETS



1/4" Drive 12 Point SAE

Hex Size	Part No.	Overall Length in.	Weight lbs.
3/16"	V106-I	1 1/2	0.03
7/32"	V107-I	1 1/2	0.03
1/4"	V108-I	1 1/2	0.03
9/32"	V109-I	1 1/2	0.04
5/16"	V110-I	1 1/2	0.04
11/32"	V111-I	1 1/2	0.04
3/8"	V112-I	1 1/2	0.06
7/16"	V114-I	1 1/2	0.06
1/2"	V116-I	1 1/2	0.07
9/16"	V118-I	1 1/2	0.09

Individually insulated and tested to ASTM F1505 Standards.



1/4" Drive 6 Point Metric

Hex Size	Part No.	Overall Length in.	Weight lbs.
4 mm	M604-I	1 1/2	0.03
4.5 mm	M604.5-I	1 1/2	0.03
5 mm	M605-I	1 1/2	0.03
5.5 mm	M605.5-I	1 1/2	0.03
6 mm	M606-I	1 1/2	0.03
7 mm	M607-I	1 1/2	0.04
8 mm	M608-I	1 1/2	0.04
9 mm	M609-I	1 1/2	0.04
10 mm	M610-I	1 1/2	0.04
11 mm	M611-I	1 1/2	0.06
12 mm	M612-I	1 1/2	0.06
13 mm	M613-I	1 1/2	0.07
14 mm	M614-I	1 1/2	0.09
15 mm	M615-I	1 1/2	0.09

Individually insulated and tested to ASTM F1505 Standards.



Important: Insulated tools are an important link in the overall chain of safety when it comes to working on potentially energized material. Other important safety items include insulated gloves, insulated boots and arc flash prevention suits and clothing.

1000V INSULATED SOCKETS

3/8" Drive 12 Point SAE

Hex Size	Part No.	Overall Length in.	Weight lbs.
3/8"	T12-I	1 3/4	0.12
7/16"	T14-I	1 3/4	0.14
1/2"	T16-I	1 3/4	0.15
9/16"	T18-I	1 3/4	0.17
5/8"	T20-I	1 3/4	0.18
11/16"	T22-I	1 3/4	0.20
3/4"	T24-I	1 3/4	0.21
13/16"	T26-I	1 3/4	0.25
7/8"	T28-I	1 3/4	0.28

Individually insulated and tested to ASTM F1505 Standards.⚡



3/8" Drive 12 Point Metric

Hex Size	Part No.	Overall Length in.	Weight lbs.
8 mm	MT8-I	1 3/4	0.12
9 mm	MT9-I	1 3/4	0.12
10 mm	MT10-I	1 3/4	0.12
11 mm	MT11-I	1 3/4	0.14
12 mm	MT12-I	1 3/4	0.15
13 mm	MT13-I	1 3/4	0.15
14 mm	MT14-I	1 3/4	0.15
15 mm	MT15-I	1 3/4	0.18
16 mm	MT16-I	1 3/4	0.18
17 mm	MT17-I	1 3/4	0.25
18 mm	MT18-I	1 3/4	0.25
19 mm	MT19-I	1 3/4	0.26

Individually insulated and tested to ASTM F1505 Standards.⚡



⚡ **Safety Tip:** If you are able to see the yellow safety insulated under-layer showing through the orange layer, the tool is no longer safe to use and should be replaced.

1000V INSULATED RATCHETS



1/2" Drive 12 Point SAE

Hex Size	Part No.	Overall Length in.	Weight lbs.
3/8"	1406-I	2 1/4	0.21
7/16"	1407-I	2 1/4	0.23
1/2"	1408-I	2 1/4	0.25
9/16"	1409-I	2 1/4	0.26
5/8"	1410-I	2 1/4	0.28
11/16"	1411-I	2 1/4	0.29
3/4"	1412-I	2 1/4	0.31
13/16"	1413-I	2 1/4	0.34
7/8"	1414-I	2 1/4	0.39
15/16"	1415-I	2 1/4	0.46
1"	1432-I	2 1/4	0.53

Individually insulated and tested to ASTM F1505 Standards.



1/2" Drive 12 Point Metric

Hex Size	Part No.	Overall Length in.	Weight lbs.
10 mm	M1210-I	2 1/4	0.15
11 mm	M1211-I	2 1/4	0.15
12 mm	M1212-I	2 1/4	0.17
13 mm	M1213-I	2 1/4	0.18
14 mm	M1214-I	2 1/4	0.20
15 mm	M1215-I	2 1/4	0.21
16 mm	M1216-I	2 1/4	0.23
17 mm	M1217-I	2 1/4	0.25
18 mm	M1218-I	2 1/4	0.26
19 mm	M1219-I	2 1/4	0.28
20 mm	M1220-I	2 1/4	0.29
21 mm	M1221-I	2 1/4	0.29
22 mm	M1222-I	2 1/4	0.31

Individually insulated and tested to ASTM F1505 Standards.



Important: An insulated extension is always required between the ratchet and the socket.

1000V INSULATED WRENCHES



12 Point Box End Wrenches – SAE

Hex Size	Part No.	Overall Length in.	Box End Width in.	Box End Thickness in.	Weight lbs.
1/4"	157B-I	4 1/2	0.54	0.23	0.06
5/16"	158B-I	5	0.68	0.25	0.09
11/32"	159B-I	5	0.70	0.25	0.10
3/8"	160B-I	5 1/2	0.75	0.30	0.12
7/16"	161B-I	5 1/2	0.89	0.33	0.15
1/2"	162B-I	6	0.94	0.31	0.21
9/16"	163B-I	6 1/4	1.06	0.33	0.25
5/8"	164B-I	6 3/4	1.12	0.38	0.31
11/16"	165B-I	7 1/2	1.24	0.40	0.43
3/4"	166B-I	8	1.29	0.44	0.53
13/16"	166SB-I	9	1.42	0.51	0.56
7/8"	167B-I	9 1/2	1.56	0.50	0.62
15/16"	168B-I	10 1/4	1.58	0.51	0.71
1"	169B-I	11	1.68	0.57	1.12

Individually insulated and tested to ASTM F1505 Standards. 



12 Point Box End Wrenches – Metric

Hex Size	Part No.	Overall Length in.	Box End Width in.	Box End Thickness in.	Weight lbs.
6mm	MEB6-I	4 1/4	0.55	0.20	0.06
7mm	MEB7-I	4 1/2	0.56	0.20	0.07
8mm	MEB8-I	5	0.67	0.26	0.09
9mm	MEB9-I	5 1/4	0.76	0.32	0.12
10mm	MEB10-I	5 1/2	0.85	0.34	0.15
11mm	MEB11-I	5 1/2	0.85	0.32	0.18
12mm	MEB12-I	6	0.94	0.30	0.20
13mm	MEB13-I	6	0.94	0.32	0.21
14mm	MEB14-I	6 1/4	1.05	0.33	0.23
15mm	MEB15-I	6 1/4	1.02	0.33	0.25
16mm	MEB16-I	6 3/4	1.17	0.37	0.31
17mm	MEB17-I	7 1/4	1.24	0.44	0.37

Individually insulated and tested to ASTM F1505 Standards. 



176LR-I 14 Pieces 12 Point SAE Box End Wrench Set

Contains: 1/4", 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"

Includes Canvas Pouch



M212R-I 12 Pieces 12 Point Metric Box End Wrench Set

Contains: 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17mm
Includes Canvas Pouch

1000V INSULATED WRENCHES



Open End Wrenches - SAE

Hex Size	Part No.	Overall Length in.	Box End Width in.	Box End Thickness in.	Weight lbs.
1/4"	E08-I	4 1/2	0.7	0.37	0.06
5/16"	E010-I	4 3/4	0.82	0.4	0.07
11/32"	E011-I	4 3/4	0.83	0.42	0.09
3/8"	E012-I	5	0.96	0.45	0.12
7/16"	E014-I	5 1/2	1.09	0.48	0.15
1/2"	E016-I	6	1.18	0.51	0.20
9/16"	E018-I	6 1/4	1.4	0.59	0.28
5/8"	E020-I	7	1.53	0.63	0.34
11/16"	E022-I	7 1/2	1.68	0.68	0.46
3/4"	E024-I	8	1.78	0.68	0.53
13/16"	E026-I	9	1.84	0.66	0.62
7/8"	E028-I	9 3/4	2.02	0.73	0.68
15/16"	E030-I	10 1/4	2.05	0.71	0.78
1"	E032-I	10 3/4	2.25	0.78	1.00

Individually insulated and tested to ASTM F1505 Standards. 



Open End Wrenches - Metric

Hex Size	Part No.	Overall Length in.	Box End Width in.	Box End Thickness in.	Weight lbs.
6mm	MEBO6-I	4 1/4	0.74	0.40	0.06
7mm	MEBO7-I	4 1/2	0.74	0.40	0.07
8mm	MEBO8-I	4 3/4	0.85	0.43	0.09
9mm	MEBO9-I	5 1/4	0.98	0.48	0.12
10mm	MEBO10-I	5 1/2	1.11	0.50	0.17
11mm	MEBO11-I	5 1/2	1.11	0.49	0.18
12mm	MEBO12-I	6	1.21	0.54	0.20
13mm	MEBO13-I	6	1.21	0.54	0.21
14mm	MEBO14-I	6 1/4	1.38	0.60	0.28
15mm	MEBO15-I	6 1/4	1.39	0.60	0.28
16mm	MEBO16-I	7	1.46	0.57	0.34
17mm	MEBO17-I	7 1/4	1.39	0.57	0.45

Individually insulated and tested to ASTM F1505 Standards. 



Adjustable Wrenches

Part No.	Overall Length in.	Maximum Opening in.	Weight lbs.
65308A-I	8"	1.08	0.75
65310A-I	10"	1.35	1.12
65312A-I	12"	1.5	1.87

Only handle provides protection against electrical shock. 

1000V INSULATED SCREWDRIVERS

Slotted - Round Shank

Part No.	Blade Length in.	Overall Length in.	Tip Size	Shank Size in.	Weight lbs.
30404-I	4	8	.016 x 1/8	1/8	0.25
30506-I	6	10	.020 x 5/32	5/32	0.28
30606-I	6	9 3/4	.028 x 3/16	3/16	0.28

Individually insulated and tested to ASTM F1505 Standards. 



Phillips® - Round Shank

Part No.	Blade Length in.	Overall Length in.	Tip Size	Shank Size in.	Weight lbs.
50002-I	2 3/8	7	No 0	1/8	0.21
50103-I	3 1/4	7	No 1	3/16	0.25
50204-I	4	8 1/4	No 2	1/4	0.37
50306-I	6	10 3/4	No 3	5/16	0.50
50408-I	8	12 3/4	No 4	3/8	0.62

Individually insulated and tested to ASTM F1505 Standards. 



Square Recess - Extra Long

Part No.	Blade Length in.	Overall Length in.	Tip Size	Shank Size in.	Weight lbs.
RB221-I	6	10	No 1	5/16	0.37
RB222-I	6	10 1/4	No 2	5/16	0.40
RB223-I	6	10 1/4	No 3	5/16	0.40
RB224-I	6	11	No 4	5/16	0.50

Individually insulated and tested to ASTM F1505 Standards. 



INSULATED NUT DRIVERS



Nut Drivers - SAE

Part No.	Hex Opening in.	Overall Length in.	Weight lbs.
CH06-I	3/16	6 1/4	0.31
CH08-I	1/4	6 1/2	0.32
CH10-I	5/16	6 3/4	0.37
CH11-I	11/32	7	0.39
CH12-I	3/8	7	0.40
CH14-I	7/16	7 3/4	0.50
CH16-I	1/2	8	0.51

Individually insulated and tested to ASTM F1505 Standards.⚠



Nut Drivers - Metric

Part No.	Hex Opening in.	Overall Length in.	Weight lbs.
CH05M-I	5 mm	6	0.22
CH06M-I	6 mm	6 1/2	0.25
CH07M-I	7 mm	7	0.28
CH08M-I	8 mm	7	0.28
CH09M-I	9 mm	7	0.29
CH10M-I	10 mm	7 3/4	0.50
CH11M-I	11 mm	7 3/4	0.50

Individually insulated and tested to ASTM F1505 Standards.⚠



CHS7A-I 7 Pieces SAE Nut Driver Set

Contains: 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2"
Includes Canvas Pouch



CHS7MA-I 7 Pieces Metric Nut Driver Set

Contains: 5, 6, 7, 8, 9, 10, 11mm
Includes Canvas Pouch

Need a tool or size not in this catalogue? Contact us at
info@graytools.com for a custom tool insulation quote.

1000V INSULATED PLIERS

Linesman's Combination with Cutter

Part No.	Overall Length in.	Jaw Length in.	Weight lbs.
B212B-I	7	1 1/4	0.75
B214B-I	8	1 3/8	0.87
B218B-I	9	1 5/8	0.90

Individually insulated and tested to ASTM F1505 Standards. 



Flat Nose

Part No.	Overall Length in.	Jaw Length in.	Weight lbs.
B224A-I	6 1/2	2	0.50

Individually insulated and tested to ASTM F1505 Standards. 



Needle Nose Straight Cutter

Part No.	Overall Length in.	Jaw Length in.	Weight lbs.
B231B-I	6 1/2	2	0.37
B232B-I	8	2 3/4	0.62

Individually insulated and tested to ASTM F1505 Standards. 



Needle Nose 45° Curved With Cutter

Part No.	Overall Length in.	Jaw Length in.	Weight lbs.
B238B-I	6 1/2	2	0.50
B239B-I	8	2 3/4	0.62

Individually insulated and tested to ASTM F1505 Standards. 



Side Cutting - Diamond Slim Nose

Part No.	Overall Length in.	Jaw Length in.	Weight lbs.
B241B-I	6 1/2	7/8	0.62
B243B-I	7 1/4	1	0.75

Individually insulated and tested to ASTM F1505 Standards. 



1000V INSULATED PLIERS



End Cutting

Part No.	Overall Length in.	Jaw Length in.	Weight lbs.
B255B-I	6 1/2	1/4	0.62

Individually insulated and tested to ASTM F1505 Standards. 



Tongue & Groove Slip Joint

Part No.	Overall Length in.	Jaw Length in.	Capacity in.	Weight lbs.
B45-10A-I	10 1/2	1 1/4	1 1/2	1.12
B45-12A-I	12 1/2	1 1/2	2 5/8	2.25

Individually insulated and tested to ASTM F1505 Standards. 



Electrical/Electronic 5 in 1 Tool

Part No.	Description	Overall Length in.	Weight lbs.
B121-I	Stripper, Crimper, Bolt Cutter. Strips: 22-20/18/16/14/12/10 AWG Crimps: Insulated and Non-Insulated: 22-14, 12-10 AWG Non-Insulated Auto 7 and 8 mm Bolt Cutter: 4-40/6-32/8-32/10-32/10-24 inches	8 1/4	0.62

Individually insulated and tested to ASTM F1505 Standards. 



Stripper/Cutter

Part No.	Description	Overall Length in.	Weight lbs.
B123-I	Strips: 22-20/18/16/14/12/10 AWG Crimps: Insulated and Non-Insulated: 22-14, 12-10 AWG Non-Insulated Auto 7 and 8 mm Bolt Cutter: 4-40/6-32/8-32/10-32/10-24 inches	8 1/2	0.50

Individually insulated and tested to ASTM F1505 Standards. 

1000V INSULATED HEX KEYS & HACK SAW

T-Handle Hex Keys - SAE

Hex Size	Part No.	Overall Length in.	Blade Length in.	Weight lbs.
3/32"	68606-I	4 1/2	2.56	0.18
7/64"	68607-I	4 3/4	2.75	0.18
1/8"	68608-I	5	2.95	0.21
9/64"	68609-I	5	2.95	0.25
5/32"	68610-I	5 1/4	3.35	0.31
3/16"	68612-I	6	3.94	0.37
7/32"	68614-I	6 1/2	4.33	0.43
1/4"	68616-I	6 1/2	4.72	0.43
5/16"	68620-I	8	5.83	0.81
3/8"	68624-I	9 1/4	7.01	0.87

Individually insulated and tested to ASTM F1505 Standards.⚡



T-Handle Hex Keys - Metric

Hex Size	Part No.	Overall Length in.	Blade Length in.	Weight lbs.
2mm	67602-I	4 1/4	2.17	0.18
2.5mm	67625-I	4 1/4	2.56	0.18
3mm	67603-I	5	2.95	0.21
4mm	67604-I	5 1/4	3.35	0.25
5mm	67605-I	6	3.94	0.37
6mm	67606-I	7	4.72	0.50
8mm	67608-I	8	5.83	0.87
10mm	67610-I	9	7.01	1.00

Individually insulated and tested to ASTM F1505 Standards.⚡



6" Blade Mini Hacksaw

Part No.	Description
2612HS-I	Oval frame design for greater cutting depth.

Individually insulated and tested to ASTM F1505 Standards.⚡



Important: Keep insulated tools away from heat sources, in order to avoid damage to the insulation material.

