

Adjustable Wrenches

Features:

Precision-machined jaws are individually chosen and assembled by hand for smooth operation.

Available in high-capacity.



Adjustable Wrenches – Standard Capacity

Additional Features:

- Forged heat-treated alloy steel for maximum strength and light weight.
- High polish chrome finish.



506-8

Cat. No.	Handle Type	Handle Finish	Length	Capacity	Weight (lbs.)
506-4	dovetail	plain	4-1/4" (108 mm)	1/2" (12 mm)	.11
506-6	dovetail	plain	6-1/4" (158 mm)	3/4" (19 mm)	.25
506-8	dovetail	plain	8-1/4" (209 mm)	15/16" (23 mm)	.51
506-10	dovetail	plain	10-1/4" (260 mm)	1-1/8" (28 mm)	.86
506-12	dovetail	plain	12-1/4" (311 mm)	1-5/16" (33 mm)	1.32
506-15	tapered	plain	15-7/8" (403 mm)	1-11/16" (42 mm)	2.92
500-18	tapered	plain	18-1/4" (463 mm)	2-1/16" (52 mm)	4.67
500-24	tapered	plain	24" (610 mm)	2-1/2" (63 mm)	7.76

Adjustable Wrenches — Standard Capacity, Plastic-Dipped Handles

Additional Features:

- Plastic-dipped handles for added comfort.
- Forged heat-treated alloy steel for maximum strength and light weight.
- High polish chrome finish.



D506-8

Handle Type	Handle Finish	Length	Capacity	Weight (lbs.)
dovetail	plastic-dipped	4-1/2" (114 mm)	1/2" (12 mm)	.13
dovetail	plastic-dipped	6-3/8" (162 mm)	3/4" (19 mm)	.27
dovetail	plastic-dipped	8-3/8" (213 mm)	15/16" (23 mm)	.62
dovetail	plastic-dipped	10-3/8" (264 mm)	1-1/8" (28 mm)	1.00
dovetail	plastic-dipped	12-3/8" (315 mm)	1-5/16" (33 mm)	1.44
tapered	plastic-dipped	15-1/8" (384 mm)	1-11/16" (42 mm)	3.21
tapered	plastic-dipped	18-3/8" (467 mm)	2-1/16" (52 mm)	5.02
tapered	plastic-dipped	24-1/4" (616 mm)	2-1/2" (63 mm)	8.26
dovetail	heavy-duty, plastic-dipped	4-1/2" (114 mm)	1/2" (12 mm)	.13
dovetail	heavy-duty, plastic-dipped	10-3/8" (264 mm)	1-1/8" (28 mm)	1.00
dovetail	heavy-duty, plastic-dipped	12-3/8" (315 mm)	1-5/16" (33 mm)	1.54
	dovetail dovetail dovetail dovetail dovetail tapered tapered tapered dovetail dovetail	dovetail plastic-dipped dovetail plastic-dipped dovetail plastic-dipped dovetail plastic-dipped dovetail plastic-dipped dovetail plastic-dipped tapered plastic-dipped tapered plastic-dipped tapered plastic-dipped dovetail heavy-duty, plastic-dipped dovetail heavy-duty, plastic-dipped	dovetail plastic-dipped 4-1/2" (114 mm) dovetail plastic-dipped 6-3/8" (162 mm) dovetail plastic-dipped 8-3/8" (213 mm) dovetail plastic-dipped 10-3/8" (264 mm) dovetail plastic-dipped 12-3/8" (315 mm) tapered plastic-dipped 15-1/8" (384 mm) tapered plastic-dipped 18-3/8" (467 mm) tapered plastic-dipped 24-1/4" (616 mm) dovetail heavy-duty, plastic-dipped 4-1/2" (114 mm) dovetail heavy-duty, plastic-dipped 10-3/8" (264 mm)	dovetail plastic-dipped 4-1/2" (114 mm) 1/2" (12 mm) dovetail plastic-dipped 6-3/8" (162 mm) 3/4" (19 mm) dovetail plastic-dipped 8-3/8" (213 mm) 15/16" (23 mm) dovetail plastic-dipped 10-3/8" (264 mm) 1-1/8" (28 mm) dovetail plastic-dipped 12-3/8" (315 mm) 1-5/16" (33 mm) tapered plastic-dipped 15-1/8" (384 mm) 1-11/16" (42 mm) tapered plastic-dipped 18-3/8" (467 mm) 2-1/16" (52 mm) tapered plastic-dipped 24-1/4" (616 mm) 2-1/2" (63 mm) dovetail heavy-duty, plastic-dipped 4-1/2" (114 mm) 1/2" (12 mm) dovetail heavy-duty, plastic-dipped 10-3/8" (264 mm) 1-1/8" (28 mm)

All dimensions are in inches and (millimeters).

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.

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

AWARNING: Do NOT extend handle length.

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Adjustable Wrenches – Extra Capacity

Additional Features:

- Extra capacity allows use of a smaller size wrench to handle bigger jobs, especially in confined spaces.
- Forged heat-treated alloy steel for maximum strength and light weight.
- High polish chrome finish.



D507-8

Cat. No.	Handle Finish	Length	Capacity	Weight (lbs.)
507-6	plain	6-1/4" (158 mm)	15/16" (23 mm)	.25
507-8	plain	8-1/4" (209 mm)	1-1/8" (28 mm)	.51
507-10	plain	10-1/4" (260 mm)	1-5/16" (33 mm)	.86
507-12	plain	12-1/4" (311 mm)	1-1/2" (38 mm)	1.32
D507-6	plastic-dipped	6-3/8" (162 mm)	15/16" (23 mm)	.27
D507-8	plastic-dipped	8-3/8" (213 mm)	1-1/8" (28 mm)	.62
D507-10	plastic-dipped	10-3/8" (264 mm)	1-5/16" (33 mm)	1.00
D507-12	plastic-dipped	12-3/8" (315 mm)	1-1/2" (38 mm)	1.54
HD507-6	heavy-duty, plastic-dipped	6-3/8" (162 mm)	15/16" (23 mm)	.27
HD507-8	heavy-duty, plastic-dipped	8-3/8" (213 mm)	1-1/8" (28 mm)	.54
HD507-10	heavy-duty, plastic-dipped	10-3/8" (264 mm)	1-5/16" (33 mm)	1.00
HD507-12	heavy-duty, plastic-dipped	12-3/8" (315 mm)	1-1/2" (38 mm)	1.54

Adjustable Wrenches – Standard Capacity, Black Finish

Additional Features:

- Forged and heat-treated alloy steel for maximum strength and light weight.
- Industrial black finish for corrosion resistance.



D508-8

Cat. No.	Handle Finish	Length	Capacity	Weight (lbs.)
508-4	plain	4-1/4" (108 mm)	1/2" (12 mm)	.11
508-6	plain	6-1/4" (158 mm)	3/4" (19 mm)	.25
508-8	plain	8-1/4" (209 mm)	15/16" (23 mm)	.51
508-10	plain	10-1/4" (260 mm)	1-1/8" (28 mm)	.86
508-12	plain	12-1/4" (311 mm)	1-5/16" (33 mm)	1.32
508-15	plain	14-7/8" (378 mm)	1-11/16" (42 mm)	2.92
D508-4	plastic-dipped	4-1/2" (114 mm)	1/2" (12 mm)	.13
D508-6	plastic-dipped	6-3/8" (162 mm)	3/4" (19 mm)	.27
D508-8	plastic-dipped	8-3/8" (213 mm)	15/16" (23 mm)	.62
D508-10	plastic-dipped	10-3/8" (264 mm)	1-1/8" (28 mm)	1.00
D508-12	plastic-dipped	12-3/8" (315 mm)	1-5/16" (33 mm)	1.54
D508-15	plastic-dipped	15-1/8" (384 mm)	1-11/16" (42 mm)	3.21

Adjustable-Head Construction Wrench

- Versatile wrench fits nuts and bolts to 1-1/2" (38 mm).
- Eliminates the need to carry several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle.

1-1/2" (38 mm)



All dimensions are in inches and (millimeters).

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AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.

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

2.36

AWARNING: Do NOT extend handle length.

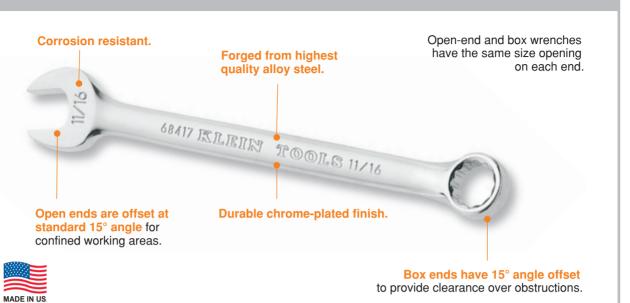
16" (406 mm)





Combination Wrenches

Features:



7-Piece Combination Wrench Set

Cat. No.	Set Contair	18			Weight (lbs.)
68400					1.23
	Cat. No.	Size	Length	Box End Point	
	68410	1/4"	5-1/8"	12	_
	68411	5/16"	4-3/8"	12	_
	68412	3/8"	6-1/8"	12	_
	68413	7/16"	6-3/8"	12	_
	68414	1/2"	7-1/8"	12	_
	68415	9/16"	7-1/2"	12	_
	68416	5/8"	8-1/8"	12	_
	Includes pou	ch with mark	ked pockets for	each wrench	



68400

9-Piece Combination Wrench Set

Cat. No.	Set Contair	18			Weight (lbs.)
68402					2.07
	Cat. No.	Size	Length	Box End Point	
	68410	1/4"	5-1/8"	12	_
	68411	5/16"	4-3/8"	12	_
	68412	3/8"	6-1/8"	12	_
	68413	7/16"	6-3/8"	12	-
	68414	1/2"	7-1/8"	12	_
	68415	9/16"	7-1/2"	12	-
	68416	5/8"	8-1/8"	12	_
	68417	11/16"	9"	12	_
	68418	3/4"	9-1/8"	12	_
	Includes pou	ch with marl	ked pockets for	each wrench	-



68402

All dimensions are in inches.

AWARNING: Do NOT push or hammer wrench.

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT extend handle length.

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12-Piece Combination Wrench Set

Cat. No.	Set Contains				Weight (lbs.)
68404					4.13
	Cat. No.	Size	Length	Box End Point	
	68410	1/4"	5-1/8"	12	

Cat. No.	Size	Length	Box End Point
68410	1/4"	5-1/8"	12
68411	5/16"	4-3/8"	12
68412	3/8"	6-1/8"	12
68413	7/16"	6-3/8"	12
68414	1/2"	7-1/8"	12
68415	9/16"	7-1/2"	12
68416	5/8"	8-1/8"	12
68417	11/16"	9"	12
68418	3/4"	9-1/8"	12
68419	13/16"	10-9/16"	12
68420	7/8"	11-1/2"	12
68421	15/16"	12-1/2"	12
Includes po	uch with	marked pock	kets for each wrench



68404

14-Piece Combination Wrench Set

Cat. No.	Set Contains			Weight (lbs.)
68406				9.75
		 	 	 _

Cat. No.	Size	Length	Box End Point
68412	3/8"	6-1/8"	12
68413	7/16"	6-3/8"	12
68414	1/2"	7-1/8"	12
68415	9/16"	7-1/2"	12
68416	5/8"	8-1/8"	12
68417	11/16"	9"	12
68418	3/4"	9-1/8"	12
68419	13/16"	10-9/16"	12
68420	7/8"	11-1/2"	12
68421	15/16"	12-1/2"	12
68422	1"	13-1/2"	12
68423	1-1/16"	14-5/8"	12
68424	1-1/8"	15-9/16"	12
68425	1-1/4"	16-7/8"	12



68406

Combination Wrenches

Cat. No.	Size	Length	Box End Point	Weight (lbs.)
68410	1/4"	5-1/8"	12	.05
68411	5/16"	4-3/8"	12	.05
68412	3/8"	6-1/8"	12	.10
68413	7/16"	6-5/8"	12	.14
68414	1/2"	7-1/8"	12	.18
68415	9/16"	7-1/2"	12	.23
68416	5/8"	8-1/2"	12	.28
68417	11/16"	9"	12	.37
68418	3/4"	9-7/8"	12	.46

All dimensions are in inches.

AWARNING: Always wear approved eye protection.



68417 ERREINS TOORES 11/16



Cat. No.	Size	Length	Box End Point	Weight (lbs.)
68419	13/16"	10-5/8"	12	.53
68420	7/8"	11-1/2"	12	.67
68421	15/16"	12-1/2"	12	.79
68422	1"	13-1/4"	12	.93
68423	1-1/16"	14-1/4"	12	1.18
68424	1-1/8"	15-1/2"	12	1.52
68425	1-1/4"	16-3/4"	12	1.88

AWARNING: Do NOT push or hammer wrench.



Combination Wrenches - Metric

7-Piece Combination Wrench Set – Metric

Cat. No.	Set Conta	ins			Weight (lbs.)
68500					1.21
	Cat. No.	Size	Box End Point	Length	
	68507	7 mm	12	130 mm	_
	68509	9 mm	12	155 mm	_
	68510	10 mm	12	165 mm	_
	68511	11 mm	12	165 mm	
	68513	13 mm	12	181 mm	_
	68514	14 mm	12	191 mm	
	68515	15 mm	12	191 mm	_



68500

11-Piece Combination Wrench Set — Metric

Includes pouch with marked pockets for each wrench

Cat. No.	Set Contains	;			Weight (lbs.)
68502					2.35
	Cat. No.	Size	Box End Point	Length	
	68507	7 mm	12	130 mm	
	68508	8 mm	12	137 mm	
	68509	9 mm	12	155 mm	
	68510	10 mm	12	165 mm	
	68511	11 mm	12	165 mm	•
	68512	12 mm	12	181 mm	
	68513	13 mm	12	181 mm	
	68514	14 mm	12	191 mm	-
	68515	15 mm	12	191 mm	
	68517	17 mm	12	229 mm	
	68519	19 mm	12	248 mm	-
	Includes poucl	n with mark	ed pockets for	each wrench	



68502

Combination Wrenches – Metric



Cat. No.	Size	Length	Box End Point	Weight (lbs.)
68507	7 mm	130 mm	12	.05
68508	8 mm	137 mm	12	.08
68509	9 mm	155 mm	12	.10
68510	10 mm	165 mm	12	.13
68511	11 mm	165 mm	12	.13
68512	12 mm	181 mm	12	.18



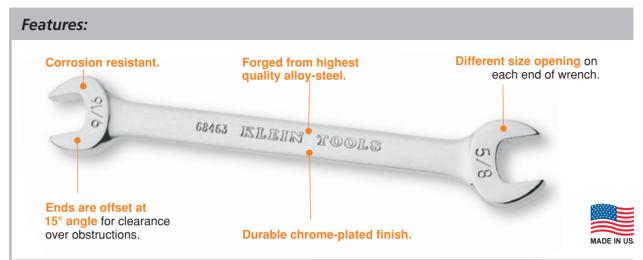
68512

Cat. No.	Size	Length	Box End Point	Weight (lbs.)
68513	13 mm	181 mm	12	.16
68514	14 mm	191 mm	12	.22
68515	15 mm	191 mm	12	.22
68517	17 mm	229 mm	12	.39
68519	19 mm	248 mm	12	.42

All dimensions are in inches or millimeters.

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.



5-Piece Open-End Wrench Set

Cat. No.	Set Contains				Weight (lbs.)
68450					1.08
	Cat. No.	Small Size	Large Size	Length	
	68460	1/4"	5/16"	4-3/4"	
	68461	3/8"	7/16"	6"	_
	68462	1/2"	9/16"	7"	_
	68463	9/16"	5/8"	7-1/2"	_
	68464	11/16"	3/4"	9"	_
	Includes pouch	with marked pocl	ets for each wren	ch	_



68450

7-Piece Open-End Wrench Set

Cat. No.	Set Contains				Weight (lbs.)
68452					2.46
	Cat. No.	Small Size	Large Size	Length	
	68460	1/4"	5/16"	4-3/4"	
	68461	3/8"	7/16"	6"	-
	68462	1/2"	9/16"	7"	-
	68463	9/16"	5/8"	7-1/2"	-
	68464	11/16"	3/4"	9"	-
	68465	13/16"	7/8"	10"	=
	68466	15/16"	1"	11"	-
	Includes pouch	with marked po	ckets for each w	rench	-



68452

Open-End Wrenches

Cat. No.	Small Size	Large Size	Length	Weight (lbs.)
68460	1/4"	5/16"	4-3/4"	.04
68461	3/8"	7/16"	6"	.10
68462	1/2"	9/16"	7"	.17
68463	9/16"	5/8"	7-1/2"	.20
68464	11/16"	3/4"	9"	.36
68465	13/16"	7/8"	10"	.55
68466	15/16"	1"	11"	.80



68463

All dimensions are in inches or millimeters.

AWARNING: Do NOT push or hammer wrench.

AWARNING: Do NOT extend handle length.

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AWARNING: Always wear approved eye protection.

Socket Wrench Sets

8-Piece 1/2-Inch Drive Deep-Socket Set



12-Piece 1/2-Inch Drive Socket **Wrench Set**



Set consists of the following pieces:

- Eight 12-point deep sockets: 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", and 15/16".
- Hinged metal box.

Cat. No.	Description	Weight (lbs.)
65514	complete 8-piece 1/2" drive, deep-socket set plus metal box	4.53

Set consists of the following pieces:

- Nine 12-point sockets: 7/16", 1/2" 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", and 15/16".
- One extension: 5" long.
- One spark plug socket: 5/8".
- One ratchet.
- Hinged metal box.

Cat. No.	Description	Weight (lbs.)
65510	complete 12-piece 1/2" drive set plus metal box	5.37

16-Piece 1/2-Inch Drive Socket **Wrench Set**



65512

Set consists of the following pieces:

- Thirteen 12-point sockets: 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1-1/16", 1-1/8", and 1-1/4".
- One extension: 5" long.
- One flex handle: 17" long.
- One ratchet.
- Hinged metal box.

Cat. No.	Description	Weight (lbs.)
65512	complete 16-piece 1/2" drive set plus metal box	9.63

8-Piece 3/8-Inch Drive Deep-Socket Set



65510

Set consists of the following pieces:

- Eight 6-point deep sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4" and 13/16".
- Hinged metal box.

Cat. No.	Description	Weight (lbs.)
65502	8-piece deep-socket 3/8" drive set plus metal box	2.66



9-Piece 3/8-Inch Drive "D" Socket Wrench Set



Special tool selection for telephone work on cable enclosures and pole hardware.



Set consists of the following pieces:

- Four 6-point deep sockets: 3/8", 7/16", 1/2", and 9/16".
- One 3/8"-drive reversible ratchet: 7-7/8" long.
- Two extensions: 3" and 5" long.
- One 9/16" combination wrench: 6-5/8" long.
- One 3/16" hex nut driver.
- Hinged metal box.

Cat. No.	Description	Weight (lbs.)
65503	complete 9-piece "D" wrench kit plus metal box	3.60

12-Piece 3/8-Inch Drive Socket Wrench Set



Set consists of the following pieces:

- Four 6-point sockets: 3/8", 7/16", 1/2", and 9/16".
- Four 12-point sockets: 5/8", 11/16", 3/4", and 13/16".
- One spark plug socket: 5/8".
- Two extensions: 1-3/4" and 6" long.
- One ratchet.
- Hinged metal box.

Cat. No.	Description	Weight (lbs.)
65504	complete 12-piece 3/8" drive set plus metal box	3.62

13-Piece 3/8-Inch Drive Socket Set – Metric



Set consists of the following pieces:

- Thirteen 6-point sockets: 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, and 19 mm.
- Handy, flip-lock tray.

Cat. No.	Description	Weight (lbs.)
65506	13 sockets plus flip-lock tray	1.33

20-Piece 3/8-Inch Drive Socket Wrench Set



Set consists of the following pieces:

- Four 6-point sockets: 3/8", 7/16", 1/2", and 9/16".
- Five 12-point sockets: 5/8", 11/16", 3/4", 13/16", and 7/8".
- Eight 6-point deep sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", and 13/16".
- Two extensions: 1-3/4", and 3" long.
- One ratchet.
- Hinged metal box.

Cat. No.	Description	Weight (lbs.)
65508	complete 20-piece 3/8" drive set plus metal box	5.40

Socket Wrench Sets

13-Piece 1/4-Inch Drive Socket Wrench Set

Set consists of the following pieces:

- Nine 6-point sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", and 1/2".
- One spinner handle.
- Two extensions: 2" and 6" long.
- One ratchet.
- Hinged metal box.

Cat. No.	Description	Weight (lbs.)
65500	complete 13-piece 1/4" drive set plus metal box	2.07



65500

Socket Wrenches

1/4-Inch Drive — Standard 6-Point Sockets

Cat. No.	Size	Weight (lbs.)
65600	3/16"	.02
65601	7/32"	.02
65602	1/4"	.02
65603	9/32"	.02
65604	5/16"	.02
65605	11/32"	.03
65606	3/8"	.04
65607	7/16"	.04
65608	1/2"	.05





65604

1/4-Inch Drive – Deep 6-Point Sockets

Cat. No.	Size	Weight (lbs.)
65610	1/4"	.06
65611	9/32"	.06
65612	5/16"	.05
65613	11/32"	.07
65614	3/8"	.08
65615	7/16"	.09
65616	1/2"	.11



65615

1/4-Inch Drivers and Extensions

5620 4-3/4" ratchet 5621 spinner handle	.32	9
65621 spinner handle	10	
	.19	
65622 2" extension	.05	65622
65623 6" extension	.14	



65621

3/8-Inch Drive — Standard 12-Point Sockets

Cat. No.	Size	Weight (lbs.)
65704	5/8"	.08
65705	11/16"	.11
65706	3/4"	.12
65707	13/16"	.15
65708	7/8"	.19





65706

65623

3/8-Inch Drive — Standard 6-Point Sockets

Cat. No.	Size	Weight (lbs.)
65700	3/8"	.05
65701	7/16"	.05
65702	1/2"	.06
65703	9/16"	.06





65702

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3/8-Inch Drive -**Metric 6-Point Sockets**

Cat. No. Size Weight (lbs.) 65907 7 mm 65908 8 mm .04 65909 9 mm .05 65910 10 mm .05 .05 65911 11 mm 65912 12 mm .06 65913 13 mm .07 65914 14 mm .08 15 mm .10 65915 65916 16 mm .09 17 mm .10 65917 65918 18 mm .11 65919 19 mm .14



65919

3/8-Inch Drive -**Deep 6-Point Sockets**

Cat. No.	Size	Weight (lbs.)
65710	3/8"	.09
65711	7/16"	.10
65712	1/2"	.13
65713	9/16"	.15
65714	5/8"	.22
65715	11/16"	.27
65716	3/4"	.28
65717	13/16"	.34



65713

3/8-Inch Drivers and Extensions

Cat. No.	Description	Weight (lbs.)
65720	7-1/2" ratchet	.73
65721	1-3/4" extension	.09
65722	3" extension	.15
65723	6" extension	.30
65724	5/8" spark plug socket	.21



1/2-Inch Drive -**Standard 12-Point Sockets**

Cat. No.	Size	Weight (lbs.)
65800	7/16"	.12
65801	1/2"	.12
65802	9/16"	.12
65803	5/8"	.12
65804	11/16"	.16
65805	3/4"	.18
65806	13/16"	.19
65807	7/8"	.21
65808	15/16"	.27
65809	1"	.31
65810	1-1/16"	.36
65811	1-1/8"	.41
65812	1-1/4"	.55



65800

1/2-Inch Drive -**Deep 12-Point Sockets**

Cat. No.	Size	Weight (lbs.)
65825	1/2"	.30
65826	9/16"	.31
65827	5/8"	.24
65828	11/16"	.32
65829	3/4"	.36
65830	13/16"	.41
65831	7/8"	.41
65832	15/16"	.55



65829

1/2-Inch Drivers and Extensions

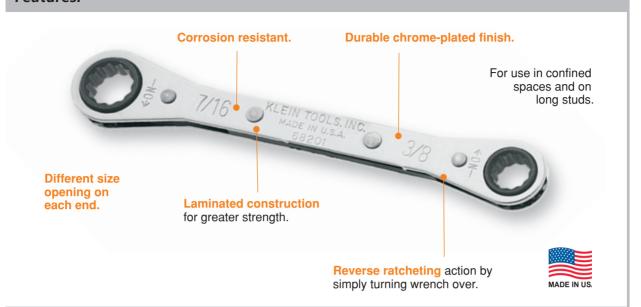
Cat. No.	Description	Weight (lbs.)
65820	10-1/2" ratchet	1.30
65821	5" extension	.45
65822	17" flex handle	1.83
65823	5/8" spark plug socket	.18





Ratcheting Box Wrenches

Features:



5-Piece Ratcheting Box Wrench Set

Additional Features:

- Five ratcheting box wrenches packed in a vinyl 8-1/2 "W x 10" H (216 mm x 254 mm) roll-up pouch with individual pockets.
- Wrenches flip over to reverse ratchet.

Cat. No.	Set Contai	ins			Weight (lbs.)
68221					1.45
	Cat. No.	Point	Size	Length	
	68200	12	1/4" x 5/16"	4-3/8" (112 mm)	
	68201	12	3/8" x 7/16"	5-1/2" (140 mm)	
	68202	12	1/2" x 9/16"	6-7/8" (175 mm)	_
	68203	12	5/8" x 11/16"	8-1/4" (216 mm)	_
	68204	12	5/8" x 3/4"	8-1/4" (216 mm)	_



7-Piece Ratcheting Box Wrench Set

Additional Feature:

• Set of the ratcheting box wrenches in vinyl roll-up pouch.

.65

Cat. No.	Set Contai	ns			W
68222				'	2.
	Cat. No.	Point	Size	Length	
	68200	12	1/4" x 5/16"	4-3/8" (112 mm)	_
	68201	12	3/8" x 7/16"	5-1/2" (140 mm)	_
	68202	12	1/2" x 9/16"	6-7/8" (175 mm)	
	68203	12	5/8" x 11/16"	8-1/4" (216 mm)	-
	68204	12	5/8" x 3/4"	8-1/4" (216 mm)	
	68205	12	11/16" x 3/4"	9-1/4" (235 mm)	
	68206	12	13/16" x 7/8"	9-1/4" (235 mm)	-
					_



All dimensions are in inches and (millimeters).

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.

AWARNING: Never use on or near live electrical circuits.

68201

Ratcheting Box Wrenches

Cat. No.	Point	Size	Length	Weight (lbs.)
68200	12	1/4" x 5/16"	4-3/8" (112 mm)	.13
68201	12	3/8" x 7/16"	5-1/2" (140 mm)	.18
68202	12	1/2" x 9/16"	6-7/8" (175 mm)	.29
68203	12	5/8" x 11/16"	8-1/4" (216 mm)	.43
68204	12	5/8" x 3/4"	8-1/4" (216 mm)	.42
68205	12	11/16" x 3/4"	9-1/4" (235 mm)	.52
68206	12	13/16" x 7/8"	9-1/4" (235 mm)	.69

Ratcheting Offset Box Wrenches

3-Piece Fully Reversible Ratcheting Offset Box Wrench Set

- Set of three offset and fully reversible ratcheting box wrenches.
- Different size single-hex openings on each end.
- Includes heavy-duty vinyl pouch.

68244 .61 Cat. No. Point Size Length 68234 6 1/4" x 5/16" 4-3/8" (112 mm)	Cat. No.	Set Contai	ns			Weight (lbs.)
	68244			·		.61
68234 6 1/4" x 5/16" 4-3/8" (112 mm)		Cat. No.	Point	Size	Length	
		68234	6	1/4" x 5/16"	4-3/8" (112 mm)	-
68236 6 3/8" x 7/16" 5-1/2" (140 mm)		68236	6	3/8" x 7/16"	5-1/2" (140 mm)	
68238 6 1/2" x 9/16" 6-3/4" (171 mm)		68238	6	1/2" x 9/16"	6-3/4" (171 mm)	-



68244

5-Piece Fully Reversible Ratcheting Offset Box Wrench Set

- Set of the offset reversible ratchet box wrenches in vinyl roll-up pouch.
- Two grommet holes for hanging.

Cat. No.	Set Contai	ns			Weight (lbs.)
68245					1.57
	Cat. No.	Point	Size	Length	
	68234	6	1/4" x 5/16"	4-3/8" (112 mm)	
	68236	6	3/8" x 7/16"	5-1/2" (140 mm)	
	68238	6	1/2" x 9/16"	6-3/4" (171 mm)	
	68240	12	5/8" x 11/16"	8-1/8" (206 mm)	
	68242	12	3/4" x 7/8"	9-1/8" (232 mm)	



8245

Fully Reversible Ratcheting Offset Box Wrenches

- Both ends are offset 25° for more convenient use in confined spaces.
- Quick-flip reversing lever for instant ratchet reversal.
- Laminated construction for greater strength.
- Chrome-plated for rust resistance.
- Different size openings at each end.

Cat. No.	Point	Size	Length	Weight (lbs.)
68234	6	1/4" x 5/16"	4-3/8" (112 mm)	.13
68236	6	3/8" x 7/16"	5-1/2" (140 mm)	.18
68238	6	1/2" x 9/16"	6-3/4" (171 mm)	.30
68240	12	5/8" x 11/16"	8-1/8" (206 mm)	.46
68242	12	3/4" x 7/8"	9-1/8" (232 mm)	.50



68236

All dimensions are in inches and (millimeters).

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.

AWARNING: Never use on or near live electrical circuits.





Ratcheting Offset Box Wrenches

Ratcheting Refrigeration Wrenches

- Fully reversible ratchet wrenches designed for refrigeration packing gland nuts and valve stem sockets.
- Wrenches are compact in size, with clearly marked sockets for four nut sizes.
- Also designed for beam-clamp installation.
- Quick-flip reversing lever permits instant ratchet reversal.
- Wrenches are ruggedly built and have polished chrome finish with smooth edges for comfort.



68310

Cat. No.	Socket Sizes	Length	Weight (lbs.)
68309	3/16" and 1/4" sq. x 1/2" and 9/16" hex	6-13/16" (173 mm)	.43
68310	3/16" and 5/16" sq. x 1/4" and 3/8" sq.	5-1/2" (140 mm)	.20
68310-24	24 pack of Cat. No. 68310	5-1/2" (140 mm)	4.70

Specialty Wrenches

Can Wrench

- Two tools in one: saves space in your pouch.
- One end opens telephone box fasteners, the other end tightens nuts on binding-post terminals.
- The 7/16" socket has a black finish and the 3/8" socket has a silver finish.
- Sockets are 1-1/4" (32 mm) deep to fit over long binding posts and are thin-walled for easy access into tight areas.
- Socket ends are color-coded for guick identification of socket sizes.

Cat. No.	Description	Length	Handle Dia.	Weight (lbs.)
68005	3/8" and 7/16" hex nut	7" (178 mm)	1" (25 mm)	.35



- Hex-socket design enables using a wrench to obtain extra torque.
- High-impact, break-resistant handle for long and dependable service.
- Sockets are heat-treated, alloy steel.

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

Bell System Type

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



3146B

Cat. No.	Description	Length	Weight (lbs.)
3146B	Large end has 1-1/16" and 1-3/16" openings. Small end has 11/16" and 7/8" openings.	13" (330 mm)	1.76

Ratcheting Lineman's Wrenches

- Bolt-through design allows bolts to pass through the socket.
- 3/4" and 1" x 1-1/8" combination square socket for most common utility hardware.
- Bright yellow socket for easy visibility.
- Works on most common utility pole hardware, such as lag bolts, "C" clamps and suspension bolts.

Cat. No.	Description	Length	Weight (lbs.)
KT151T	Ratcheting Lineman's Wrench	13"	2.12
KT155T	5-in-1 Lineman's Wrench	9-3/8"	1.42



• KT155T also offers two popular wrench sizes: 9/16" and 3/4".

Lineman's Box Wrenches

- "See-through handle" (Klein Klear-Vu™ technology) shows metal ends are not connected.
- 12-point 9/16" and 3/4" sockets.
- Reverse ratcheting action by simply turning wrench over.
- Textured grooves in handle prevent slipping (Cat. No. KT223-INS).

Cat. No.	Description	Socket Size	Length	Weight (lbs.)
KT223-INS	Insulating Lineman's Box Wrench	9/16" x 3/4"	8-1/4" (216 mm)	.62
KT203	Lineman's Box Wrench	9/16" x 3/4"	8-1/8" (206 mm)	.55



KT223-INS



- Solid, one piece design. (Cat. No. KT203).
- Chrome plated finish resists corrosion.

All dimensions are in inches and (millimeters).

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.

AWARNING: Never use on or near live electrical circuits.



3146

3238

3231

Lineman's Wrenches

- Forged from special bar steel and heat-treated for long life.
- Each end has two different size openings.
- Hole is provided at larger end for turning-in standard pole steps.
- Wrench is suited for use on heavy three-bolt guy clamps on which clearance is limited.
- Dark blue painted finish (small end is painted silver on Cat. No. 3146A).

Cat. No.	Description	Length	Weight (lbs.)
3146	For 5/8" hardware. Large end has 29/32" and 1-3/32" openings. Small end has 5/8" and 13/16" openings.	13" (330 mm)	1.85
3146A	For 3/4" hardware. Large end has 1-1/16" and 1-5/16" openings. Small end has 5/8" and 7/8" openings.	13" (330 mm)	1.70

Construction Wrenches

Adjustable-Head Construction Wrench

- Versatile wrench fits nuts and bolts to 1-1/2" (38 mm).
- Eliminates the need for carrying several fixed-size wrenches.
- Forged from select alloy steel with continuoustaper handle for aligning bolt and/or rivet holes.
- Industrial black finish for corrosion resistance.



1/2"-Drive Ratcheting Construction Wrench

- Accepts 1/2" square-drive hex socket.
- Reversible ratchet.
- Eliminates the need for carrying several fixed-size wrenches.
- Forged from select alloy steel with continuous-taper handle for aligning bolt and/or rivet holes.
- Industrial black finish for corrosion resistance.

Cat. No.	Overall Length	Weight (lbs.)
3238	15" (381 mm)	2 10

Erection Wrenches

- Forged from select alloy steel to withstand high-leverage and heavy loads.
- Extra-heavy-duty head area gives maximum strength and durability.
- Continuous taper of handle makes lining-up bolt holes easy and works on a range of bolt-hole sizes without binding.
- Extra-large hub area works on larger diameter holes better than other wrenches.
- Catalog number, bolt size and nominal opening size are stamped on every wrench for easy identification.
- American Bridge design.

A - Bolt Size/Nominal Openino B - Head Width
C - Overall Length
I

Cat. No.	Nut Type	Bolt Size	Nom. Opening	Head Width	Taper Diameter	Overall Length	Weight (lbs.)
3210	U.S. heavy	1/2"	7/8"	2-1/4"	7/8" to 3/16"	14-3/4"	1.36
3211	U.S. heavy	5/8"	1-1/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3212	U.S. heavy	3/4"	1-1/4"	2-1/2"	1" to 1/4"	16-5/8"	1.98
3213	U.S. heavy	7/8"	1-7/16"	3"	1-1/8" to 9/32"	17-3/8"	2.72
3214	U.S. heavy	1"	1-5/8"	3-5/8"	1-1/8" to 1/4"	18"	3.36
3219	U.S. regular	1/2"	3/4"	2-1/4"	7/8" to 8/16"	14-3/4"	1.36
3220	U.S. regular	1/2"	13/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.35

Cat. No.	Nut Type	Bolt Size	Nom. Opening	Head Width	Taper Diameter	Overall Length	Weight (lbs.)
3221	U.S. regular	5/8"	1"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3222	U.S. regular	3/4"	1-1/8"	2-1/2"	1" to 1/4"	16-5/8"	2.00
3223	U.S. regular	7/8"	1-5/16"	3"	1-1/8" to 9/32"	17-3/8"	2.87
3224	U.S. regular	1"	1-1/2"	3-5/8"	1-1/8" to 1/4"	18"	3.37
3231	utility	5/8"	15/16"	2-1/4"	7/8" to 3/16"	14-3/4"	1.31
3232	utility	3/4"	1-1/16"	2-1/2"	1" to 1/4"	16-5/8"	2.00

All dimensions are in inches and (millimeters).

AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.





Strap Wrenches

- **Grip-It[®] Strap Wrenches**
- Completely adjustable strap wrench. Works in the tightest quarters.
- Urethane-covered, high-strength belting attached to lightweight, I-beam handle.
- Patented, cam-action design permits uniform, high-torque application.
- Under normal conditions, will not scratch, damage or deform polished pipe and fittings, plastic pipe and fittings, oil and water filters, glass pipe, PVC conduit, or polished shafts.
- Also works on alternator belts, flywheels, and propeller assemblies.



Cat. No.	Handle Length	Diameter Capacity, O.D.	Weight (lbs.)
S6H	6" (152 mm)	1-1/2" – 5" (38 mm – 127 mm)	.20
S12H	12" (305 mm)	1-1/2" - 5" (38 mm - 127 mm)	.80
S18H	18" (457 mm)	1-1/8" - 8" (28 mm - 228 mm)	2.95

Torque Wrenches

Micro-Adjustable Torque-Sensing Wrenches with Square-Drive Ratchet Head

- Automatically limits desired torque.
- "Torque by feel." Pull and click-it's torqued to micrometer accuracy.
- Ratchet head allows speedy torquing and operation in confined working areas.
- Torques to the right.



57005

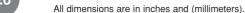
Cat. No.	Drive Size	Range	Length	Weight (lbs.)
57000	3/8"	15 – 75 ft-lb (20.4 – 101.7 Nm)	14-1/8" (359 mm)	2.00
57005	3/8"	30 - 150 in-lb (3.4 - 16.9 Nm)	10-5/8" (270 mm)	1.20
57010	1/2"	50 – 250 ft-lb (67.8 – 339.0 Nm)	24-1/4" (616 mm)	3.65

Master Electrician's Torque Tool Kit

- Two micrometer-adjustable torque wrenches.
- Nine hex-wrench bits.
- Two 7/16" hex-wrench extensions.
- One 7/16" female hex-wrench adaptor (Coupler).
- One hex-to-square adapter for wrenches and one adaptor for screwdrivers.
- One adjustable torque screwdriver.
- Seven screwdriver bits; five slotted, two Phillips.
- Hinged metal box.
- Additional torque screwdrivers available in screwdriver section.

Cat. No.	Description	Weight (lbs.)
57060	master electrician's torque tool kit	9.55





AWARNING: Always wear approved eye protection.

AWARNING: Do NOT push or hammer wrench.

