

# HAND TOOLS

## Open & Spud Wrenches

Scan. Order. Done.  
Details on page A1.



For more information on Wrenches, see page 780.



### Open End Wrenches

- Standard head type
  - Alloy steel material, Nonsparking wrenches are aluminum bronze material
- A fixed opening contacts a fastener on two sides and accesses fasteners from the top, side, and in tight spaces.

Head Size	Overall Length	Opening Type	Opening Angle (Deg.)	Wrench Length Style	Brand	Item No.
<b>SAE, Double End</b>						
<b>Black Oxide Finish</b>						
1/2"-9/16"	7 7/8 in	Rounded	15°	Standard	Proto	1ANL5
3/4"-7/8"	9 3/8 in	Rounded	15°	Standard	Proto	1ANM0
1 1/2"-1-5/8"	17 1/8 in	Rounded	15°	Standard	Proto	1ANM7
<b>Chrome Finish</b>						
3/16"	5 1/2 in	Rounded	15°, 60°	Standard	Proto	426F63
1/4"	6 1/2 in	Rounded	15°, 60°	Standard	Proto	426F68
3/8"	7 in	Rounded	15°, 60°	Standard	Proto	426F69
7/8"	8 in	Rounded	15°, 60°	Standard	Proto	426F71
1 1/8"	8 3/4 in	Rounded	15°, 60°	Standard	Proto	426F72
1 1/2"	11 in	Rounded	15°, 60°	Standard	Proto	426F75
1 3/4"	12 1/4 in	Rounded	15°, 60°	Standard	Proto	426F76
1 7/8"	13 1/8 in	Rounded	15°, 60°	Standard	Proto	426F78
1 3/4"	13 3/4 in	Rounded	15°, 60°	Standard	Proto	426F79
1 1/2"	14 1/2 in	Rounded	15°, 60°	Standard	Proto	426F81
1 3/8"	15 in	Rounded	15°, 60°	Standard	Proto	426F82
1 7/8"	19 3/4 in	Rounded	15°, 60°	Standard	Proto	426F85
2"	21 1/4 in	Rounded	15°, 60°	Standard	Proto	426F87
<b>Satin Finish</b>						
1/4"-5/16"	4 3/8 in	Rounded	15°	Standard	Proto	426F89
1/8"-1/2"	10 in	Rounded	15°	Long	Proto	1ANM8
1/2"-9/16"	7 in	Rounded	15°	Standard	Westward	1EYL5
1/2"-9/16"	7 in	Rounded	15°	Standard	Proto	426F33
1/2"-9/16"	10 in	Rounded	15°	Long	Proto	1ANM9
3/8"-5/8"	7 3/8 in	Rounded	15°	Standard	Proto	426F34
3/8"-5/8"	10 in	Rounded	15°	Long	Proto	1ANNO
5/8"-3/4"	8 3/8 in	Rounded	15°	Standard	Proto	426F35
1 1/8"-3/4"	10 in	Rounded	15°	Long	Proto	1ANN1
1 3/8"-7/8"	10 in	Rounded	15°	Long	Proto	1ANN2
1 1/2"-1-1/4"	13 3/8 in	Rounded	15°	Standard	Proto	426F43
1 3/8"-1-7/16"	15 3/4 in	Rounded	15°	Standard	Proto	426F45
1 1/2"-1-5/8"	17 in	Rounded	15°	Standard	Proto	426F47
<b>SAE, Double End, Nonsparking</b>						
<b>Natural Finish</b>						
1/2"-5/8"	5 3/4 in	Rounded	15°	Standard	Ampco	4RPD2
1 1/8"-7/8"	8 in	Rounded	15°	Standard	Ampco	4RPD5
1"-1-1/8"	10 1/4 in	Rounded	15°	Standard	Ampco	4RPD9
1 1/8"-1-1/4"	12 1/4 in	Rounded	15°	Standard	Ampco	21XW39
2 3/8"-2-3/4"	18 1/4 in	Rounded	15°	Standard	Ampco	21XW71
<b>SAE, Single End</b>						
<b>Black Oxide Finish</b>						
1/4"	5 1/2 in	Rounded	15°	Standard	Proto	19C230
3/8"	6 1/2 in	Rounded	15°	Standard	Proto	19C234
1/2"	7 1/2 in	Rounded	15°	Standard	Proto	19C232
1 1/8"	8 1/2 in	Rounded	15°	Standard	Proto	19C222
1 1/4"	8 3/4 in	Rounded	15°	Standard	Proto	19C225
1 1/2"	10 in	Rounded	15°	Standard	Proto	19C224
1 3/4"	11 3/8 in	Rounded	15°	Standard	Proto	19C223
1 7/8"	13 in	Rounded	15°	Standard	Proto	19C228
<b>Chrome Finish</b>						
1/2"	5 1/2 in	Rounded	15°	Standard	Knipex	10U193
<b>SAE, Single End, Nonsparking</b>						
<b>Natural Finish</b>						
1 1/4"	10 1/4 in	Rounded	15°	Standard	Ampco	49UP62
1 3/4"	14 3/4 in	Rounded	15°	Standard	Ampco	49UP72
2 3/8"	20 in	Rounded	15°	Standard	Ampco	49UP81
3"	24 1/4 in	Rounded	15°	Standard	Ampco	49UP89
3 1/4"	24 1/4 in	Rounded	15°	Standard	Ampco	49UP91

Head Size	Overall Length	Opening Type	Opening Angle (Deg.)	Wrench Length Style	Brand	Item No.
<b>SAE, Single End Service Wrenches</b>						
<b>Satin Finish</b>						
1 3/16"	6 1/4 in	Rounded	30°	Stubby	Proto	16F29
1 1/2"	6 1/2 in	Rounded	30°	Stubby	Proto	16F27
1"	6 1/2 in	Rounded	30°	Stubby	Proto	16F26
1 1/8"	6 1/2 in	Rounded	30°	Stubby	Proto	16F25
1 1/4"	7 in	Rounded	30°	Stubby	Proto	16F24
1 3/8"	7 in	Rounded	30°	Stubby	Proto	16F23
1 1/4"	7 in	Rounded	30°	Stubby	Proto	16F22
1 3/8"	7 3/8 in	Rounded	30°	Stubby	Proto	16F21
1 3/8"	7 3/8 in	Rounded	30°	Stubby	Proto	16F20
1 1/2"	7 3/8 in	Rounded	30°	Stubby	Proto	16F19
1 3/8"	7 3/8 in	Rounded	30°	Stubby	Proto	16F18
1 3/8"	7 3/8 in	Rounded	30°	Stubby	Proto	16F17
1 3/8"	7 3/8 in	Rounded	30°	Stubby	Proto	16F16
1 1 1/16"	7 3/8 in	Rounded	30°	Stubby	Proto	16F15
1 3/4"	8 1/2 in	Rounded	30°	Stubby	Proto	16F14
1 3/8"	8 1/2 in	Rounded	30°	Stubby	Proto	16F13
1 7/8"	8 1/2 in	Rounded	30°	Stubby	Proto	16F12
1 3/8"	8 1/2 in	Rounded	30°	Stubby	Proto	16F11
2"	8 1/2 in	Rounded	30°	Stubby	Proto	16F10
2 1/4"	8 1/2 in	Rounded	30°	Stubby	Proto	16F09
2 3/8"	8 1/2 in	Rounded	30°	Stubby	Proto	16F08
2 1/2"	8 1/2 in	Rounded	30°	Stubby	Proto	16F07
2 3/8"	8 1/2 in	Rounded	30°	Stubby	Proto	16F06
2 3/8"	8 1/2 in	Rounded	30°	Stubby	Proto	16F05

Head Size	Overall Length	Opening Type	Opening Angle (Deg.)	Wrench Length Style	Brand	Item No.
<b>SAE, Single End with Interchangeable Handle</b>						
<b>Black Oxide Finish</b>						
3/8"	3 in	Hex	30°	Stubby	Moody Tool	6LEY0
3/8"	3 in	Hex	30°	Stubby	Moody Tool	6LEY2

Head Size	Overall Length	Opening Type	Opening Angle (Deg.)	Wrench Length Style	Brand	Item No.
<b>Metric, Double End</b>						
<b>Chrome Finish</b>						
13-mm	5 1/2 in	Rounded	15°, 60°	Standard	Proto	426F56
17-mm	6 1/2 in	Rounded	15°, 60°	Standard	Proto	426F62
19-mm	7 in	Rounded	15°, 60°	Standard	Proto	426F65
<b>Satin Finish</b>						
5-mm	2 3/4 in	Rounded	15°, 75°	Standard	Facom	36T943
5.5-mm	2 3/4 in	Rounded	15°, 75°	Standard	Facom	36T942
7-mm	3 3/8 in	Rounded	15°, 75°	Standard	Facom	36T945
8-mm	3 3/8 in	Rounded	15°, 75°	Standard	Facom	36T946
10-mm-11-mm	5 3/4 in	Rounded	15°	Standard	Westward	1EYK3
12-mm-13-mm	6 1/2 in	Rounded	15°	Standard	Westward	1EYK4
13-mm	4 3/4 in	Rounded	15°, 75°	Standard	Facom	36T935
16-mm-17-mm	9 2/4 in	Rounded	15°	Standard	Facom	36T970
17-mm	5 3/4 in	Rounded	15°, 75°	Standard	Facom	36T939
18-mm-19-mm	9 2/4 in	Rounded	15°	Standard	Facom	36T971

Head Size	Overall Length	Opening Type	Opening Angle (Deg.)	Wrench Length Style	Brand	Item No.
<b>Metric, Double End, Nonsparking</b>						
<b>Natural Finish</b>						
8-mm-10-mm	5 in	Rounded	15°	Standard	Ampco	46C103
10-mm-11-mm	5 in	Rounded	15°	Standard	Ampco	21XW31
22-mm-24-mm	9 in	Rounded	15°	Standard	Ampco	21XW64
30-mm-32-mm	10 1/4 in	Rounded	15°	Standard	Ampco	4RPF6
36-mm-41-mm	14 3/8 in	Rounded	15°	Standard	Ampco	21XW79

Head Size	Overall Length	Opening Type	Opening Angle (Deg.)	Wrench Length Style	Brand	Item No.
<b>Metric, Single End, Nonsparking</b>						
<b>Natural Finish</b>						
27-mm	240 mm	Rounded	15°	Standard	Ampco	49UP22
35-mm	310 mm	Rounded	15°	Standard	Ampco	49UP29
95-mm	770 mm	Rounded	15°	Standard	Ampco	49UP42

Head Size	Overall Length	Opening Type	Opening Angle (Deg.)	Wrench Length Style	Brand	Item No.
<b>Metric, Single End Service Wrenches</b>						
<b>Satin Finish</b>						
19-mm	6 1/4 in	Rounded	30°	Stubby	Proto	19C239
24-mm	6 1/2 in	Rounded	30°	Stubby	Proto	19C242
27-mm	6 3/8 in	Rounded	30°	Stubby	Proto	19C243
30-mm	7 in	Rounded	30°	Stubby	Proto	19C258
32-mm	7 in	Rounded	30°	Stubby	Proto	19C244
36-mm	7 3/8 in	Rounded	30°	Stubby	Proto	19C259
42-mm	7 3/8 in	Rounded	30°	Stubby	Proto	19C249
46-mm	7 3/8 in	Rounded	30°	Stubby	Proto	19C251
55-mm	8 1/2 in	Rounded	30°	Stubby	Proto	19C255
60-mm	8 1/2 in	Rounded	30°	Stubby	Proto	19C256
65-mm	8 1/2 in	Rounded	30°	Stubby	Proto	19C257

Head Size	Overall Length	Opening Type	Opening Angle (Deg.)	Wrench Length Style	Brand	Item No.
<b>Metric, Single End with Interchangeable Handle</b>						
<b>Black Oxide Finish</b>						
3-mm	3 in	Hex	30°	Stubby	Moody Tool	6LEZ2
5-mm	3 in	Hex	30°	Stubby	Moody Tool	6LEZ5
5.5-mm	3 in	Hex	30°	Stubby	Moody Tool	6LEZ6
7-mm	3 in	Hex	30°	Stubby	Moody Tool	6LEZ8

### Spud Wrenches



- Alloy steel material, Nonsparking wrenches are aluminum bronze material

Feature a tapered spike at the handle end to align bolt holes when installing automotive components, beams, girders, or pipe fittings.

Head Size	Offset	Head Thickness	Overall Length	Brand	Item No.
<b>Adjustable</b>					
<b>Black Oxide Finish</b>					
1 3/8"	0 in	3/8 in	10 47/50 in	Klein Tools	22DL61
1 1/2"	0 in	1 3/16 in	16 in	Klein Tools	2DGH4
1 3/8"	0 in	1 3/16 in	16 3/8 in	Westward	447255
<b>SAE Nonsparking Offset Open End</b>					
<b>Natural Finish</b>					
1 1/8"	1 1/4 in	1 3/16 in	12 in	Ampco	49UN96
1 1/4"	1 1/4 in	1 3/16 in	15 in	Ampco	49UN99
2"	1 3/8 in	1 1/2 in	22 in	Ampco	49UP04

Head Size	Offset	Head Thickness	Overall Length	Brand	Item No.
<b>SAE Offset Box End</b>					
<b>Black Oxide Finish</b>					
7/8"	1 3/2 in	3/8 in	12 in	Proto	1ARF1
1 3/8"	1 3/2 in	3/8 in	14 in	Proto	1ARF2
1"	1 3/4 in	1 1/8 in	14 in	Proto	1ARF3
1 1/8"	1 3/4 in	1 1/8 in	15 in	Proto	1ARF4
1 1/8"	1 3/4 in	1 1/8 in	15 in	Proto	1ARF5
1 1/4"	1 3/4 in	1 1/8 in	17 in	Proto	1ARF6
1 3/8"	1 3/4 in	1 1/8 in	17 in	Proto	1ARF7
1 1/2"	1 3/4 in	1 1/8 in	21 in	Proto	1ARF8
1 1/2"	1 3/4 in	1 in	21 in	Proto	1ARF9
1 3/8"	1 1/2 in	1 1/8 in	21 in	Proto	1ARH0
1 3/8"	1 3/4 in	1 3/8 in	23 in	Proto	1ARH2
1 3/8"	1 3/4 in	1 3/8 in	23 in	Proto	1ARH3
2"	1 3/2 in	1 1/2 in	24 in	Proto	1ARH4
2 3/8"	2 in	1 1/2 in	28 in	Proto	1ARH6

Head Size	Offset	Head Thickness	Overall Length	Brand	Item No.
<b>SAE Offset Box End</b>					
<b>Natural Finish</b>					
1 1/8"	1 1/4 in	1 3/16 in	12 in	Proto	1APX3
1 1/8"	1 1/4 in	1 3/16 in	15 in	Proto	1APX7
1 3/8"	1 1/4 in	1 3/16 in	15 in	Proto	19C644
1"	1 3/8 in	1 3/16 in	14 in	Proto	1APX8
1 1/8"	1 in	2 1/2 in	17 in	Proto	1APX9
1 1/8"	1 in	2			