

## HAND TOOLS

### Combination Wrenches

For more information on Wrenches, see page 752.



SAE, 12-Point,  
Tether-Ready  
24AJ74

## Combination Wrenches

- 15° opening angle
- Alloy steel material, nonsparking wrenches are aluminum bronze material

Box end for full grip around fastener head. Open end for access to fastener from either the top or the side.

Head Size	Overall Length	Opening Type	Head	Brand	Item No.
<b>SAE, 12-Point Box End</b>					
<b>Black Oxide Finish</b>					
1/4 in	6 1/2 in	Rounded	15° Offset	Westward	1EYH2
1/4 in	7 in	Hex	15° Offset	Proto	1ALH9
1/2 in	7 in	Rounded	15° Offset	Westward	1EYH3
1/2 in	7 1/2 in	Hex	15° Offset	Proto	1ALK0
3/4 in	9 1/4 in	Rounded	15° Offset	Westward	1EYH7
3/4 in	11 in	Hex	15° Offset	Proto	1ALK4
1 in	12 1/2 in	Hex	15° Offset	Proto	1ALK6
1 1/4 in	12 1/2 in	Rounded	15° Offset	Westward	1EYJ1
1 1/4 in	15 1/2 in	Rounded	15° Offset	Westward	1EYJ4
1 1/4 in	15 1/2 in	Hex	15° Offset	Proto	449N38
1 1/4 in	16 1/4 in	Rounded	15° Offset	Westward	1EYJ5
1 1/4 in	16 1/2 in	Rounded	15° Offset	Proto	449N39
1 1/4 in	17 1/2 in	Rounded	15° Offset	Proto	449N40
1 1/4 in	18 1/4 in	Rounded	15° Offset	Westward	54RZ36
1 1/4 in	18 1/2 in	Rounded	15° Offset	Proto	1GGO3
1 1/4 in	18 1/4 in	Rounded	15° Offset	Westward	54RZ37
1 1/4 in	19 1/4 in	Rounded	15° Offset	Proto	1GGO2
1 1/4 in	19 1/2 in	Rounded	15° Offset	Westward	54RZ38
1 1/2 in	19 1/2 in	Rounded	15° Offset	Westward	54RZ39
1 1/2 in	20 in	Rounded	15° Offset	Proto	1ALL2
1 1/4 in	20 1/4 in	Hex	15° Offset	Proto	483J36
1 1/2 in	22 1/4 in	Rounded	15° Offset	Westward	54RZ40
1 1/2 in	23 in	Rounded	15° Offset	Proto	1GGO1
1 1/4 in	25 in	Hex	15° Offset	Proto	1GF97
1 1/4 in	25 1/4 in	Rounded	15° Offset	Westward	54RZ44
1 1/2 in	28 in	Hex	15° Offset	Proto	1GF96
2 in	25 1/2 in	Rounded	15° Offset	Westward	54RZ45
2 in	28 in	Hex	15° Offset	Proto	1GF95
2 1/4 in	34 in	Rounded	15° Offset	Proto	4MWJ8
3 in	34 in	Rounded	15° Offset	Proto	4MWJ9
<b>Chrome Finish</b>					
1/4 in	6 1/2 in	Rounded	15° Offset	Westward	36A209
1/4 in	7 in	Hex	15° Offset	Proto	426D68
1/2 in	7 in	Rounded	15° Offset	Westward	36A210
1/2 in	7 1/2 in	Rounded	15° Offset	Westward	36A211
3/4 in	9 1/4 in	Rounded	15° Offset	Westward	36A214
3/4 in	11 in	Hex	15° Offset	Proto	426D85
1 1/4 in	12 1/2 in	Rounded	15° Offset	Westward	36A217
1 1/4 in	12 1/2 in	Hex	Standard	Proto	449N66
1 1/4 in	14 1/2 in	Rounded	15° Offset	Westward	36A219
1 1/4 in	14 1/2 in	Hex	Standard	Proto	449N64
1 1/4 in	15 1/4 in	Rounded	15° Offset	Westward	36A220
1 1/4 in	15 1/2 in	Hex	15° Offset	Proto	449N92
1 1/4 in	16 1/4 in	Rounded	15° Offset	Westward	36A221
1 1/4 in	16 1/2 in	Hex	15° Offset	Proto	449N65
1 1/4 in	17 1/2 in	Rounded	15° Offset	Proto	483J48
1 1/2 in	19 1/2 in	Rounded	15° Offset	SK Tools	21A376
1 1/2 in	20 1/2 in	Rounded	15° Offset	STANLEY	38WF13
<b>Nickel Chrome Finish</b>					
1 1/4 in	19 1/4 in	Rounded	15° Offset	Proto	483J50
1 1/4 in	20 1/4 in	Rounded	15° Offset	Proto	483J53
<b>Satin Finish</b>					
1/4 in	5 1/4 in	Hex	15° Offset	Proto	1AKW2
3/8 in	6 1/4 in	Hex	15° Offset	Proto	449P11
1/2 in	7 in	Hex	15° Offset	Proto	24AJ73
1/2 in	8 in	Hex	15° Offset	Proto	1AKW6
3/4 in	7 1/2 in	Rounded	15° Offset	Westward	36A178
3/4 in	8 1/2 in	Hex	15° Offset	Proto	449P23
1 1/4 in	9 1/2 in	Hex	15° Offset	Proto	449P23
1 1/4 in	9 1/4 in	Rounded	15° Offset	Westward	36A181
3/4 in	11 in	Hex	15° Offset	Proto	1AKX0
7/8 in	12 1/2 in	Hex	15° Offset	Proto	1AKX2
1 1/4 in	12 1/2 in	Rounded	15° Offset	Westward	36A184
1 1/4 in	12 1/2 in	Hex	15° Offset	Proto	449P32
1 1/4 in	13 1/4 in	Hex	15° Offset	Proto	24AJ81
1 in	14 in	Hex	15° Offset	Proto	24AJ82
1 1/4 in	15 1/4 in	Hex	15° Offset	Proto	24AJ83
1 1/4 in	15 1/4 in	Rounded	15° Offset	Westward	36A187
1 1/4 in	15 1/2 in	Hex	15° Offset	Proto	24AJ84
1 1/4 in	16 1/4 in	Rounded	15° Offset	Westward	36A188
1 1/4 in	16 1/2 in	Hex	15° Offset	Proto	449P42
1 1/4 in	17 1/2 in	Hex	15° Offset	Proto	449P44
1 1/4 in	18 1/4 in	Rounded	15° Offset	Westward	54RY95
1 1/4 in	18 1/2 in	Rounded	15° Offset	Proto	1AKX9
1 1/4 in	18 1/2 in	Rounded	15° Offset	Westward	1EYF4
1 1/4 in	19 1/4 in	Rounded	15° Offset	Proto	1ALC0
1 1/4 in	19 1/2 in	Rounded	15° Offset	Westward	1EYF5
1 1/2 in	19 1/2 in	Rounded	15° Offset	Westward	1EYF6
1 1/2 in	20 1/4 in	Rounded	15° Offset	Proto	1ALC1
1 1/4 in	21 1/4 in	Rounded	15° Offset	Westward	1EYF7
1 1/4 in	23 in	Rounded	15° Offset	Proto	1ALC2
1 1/4 in	23 in	Hex	15° Offset	Proto	426D91
1 1/4 in	25 in	Hex	15° Offset	Proto	426D92
1 1/4 in	25 in	Hex	15° Offset	Proto	426D93

Head Size	Overall Length	Opening Type	Head	Brand	Item No.
1 1/4 in	25 1/4 in	Rounded	15° Offset	Westward	54RY99
1 1/4 in	28 in	Hex	15° Offset	Proto	426D94
2 in	25 1/4 in	Rounded	15° Offset	Westward	54RZ01
2 in	28 in	Hex	15° Offset	Proto	426D95
2 1/4 in	26 1/2 in	Rounded	15° Offset	Westward	54RZ03
2 1/4 in	26 1/2 in	Rounded	15° Offset	Westward	54RZ04
2 1/4 in	29 1/2 in	Hex	15° Offset	Proto	1ALF0
2 1/4 in	26 1/2 in	Rounded	15° Offset	Westward	54RZ05
2 1/4 in	29 1/2 in	Hex	15° Offset	Proto	426D96
2 3/4 in	27 1/4 in	Rounded	15° Offset	Westward	54RZ06
2 3/4 in	31 1/2 in	Hex	15° Offset	Proto	1ALF2
2 1/2 in	27 1/4 in	Rounded	15° Offset	Westward	54RZ07
2 1/2 in	31 1/2 in	Hex	15° Offset	Proto	1ALF3
2 3/4 in	27 1/4 in	Rounded	15° Offset	Westward	54RZ08
2 3/4 in	29 1/4 in	Rounded	15° Offset	Proto	4MWJ3
2 3/4 in	27 1/4 in	Rounded	15° Offset	Westward	54RZ09
2 3/4 in	28 1/2 in	Rounded	15° Offset	Westward	54RZ10
<b>SAE, 12-Point Box End, Nonsparking</b>					
<b>Natural Finish</b>					
1/2 in	6 1/4 in	Rounded	15° Offset	Ampco	5MM06
1/2 in	7 1/2 in	Rounded	15° Offset	Ampco	4DC17
3/8 in	8 in	Rounded	15° Offset	Ampco	4DC18
3/8 in	8 1/4 in	Rounded	15° Offset	Ampco	4DC19
1 1/4 in	9 1/4 in	Rounded	15° Offset	Ampco	5MM07
3/4 in	10 1/4 in	Rounded	15° Offset	Ampco	4DC20
7/8 in	11 1/4 in	Rounded	15° Offset	Ampco	4DC21
1 1/4 in	9 1/2 in	Rounded	15° Offset	Ampco	5MM08
1 in	14 in	Rounded	15° Offset	Ampco	4DC22
1 1/4 in	14 in	Rounded	15° Offset	Ampco	5MM09
1 1/4 in	15 1/4 in	Rounded	15° Offset	Ampco	4DC23
1 1/4 in	17 in	Rounded	15° Offset	Ampco	5MM10
1 1/4 in	17 in	Rounded	15° Offset	Ampco	4RN28
1 1/4 in	19 in	Rounded	15° Offset	Ampco	4RPA1
1 1/2 in	19 in	Rounded	15° Offset	Ampco	4RPA2
1 1/2 in	20 1/4 in	Rounded	15° Offset	Ampco	4RPA3
1 1/4 in	22 1/4 in	Rounded	15° Offset	Ampco	46C046
1 1/4 in	22 1/4 in	Rounded	15° Offset	Ampco	21XW07
1 1/4 in	22 1/4 in	Rounded	15° Offset	Ampco	21XW06
2 in	22 1/4 in	Rounded	15° Offset	Ampco	4RPA6
2 1/2 in	22 1/4 in	Rounded	15° Offset	Ampco	21XW09
<b>SAE, 12-Point Box End, Tether Included</b>					
<b>Satin Finish</b>					
1/2 in	8 in	Hex	15° Offset	Proto	24AJ74
3/8 in	8 1/4 in	Hex	15° Offset	Proto	24AJ75
3/8 in	9 1/2 in	Hex	15° Offset	Proto	24AJ76
1 1/4 in	10 1/4 in	Hex	15° Offset	Proto	24AJ77
3/4 in	11 in	Hex	15° Offset	Proto	24AJ78
1 1/4 in	12 in	Hex	15° Offset	Proto	24AJ79
7/8 in	12 1/2 in	Hex	15° Offset	Proto	24AJ80
1 1/4 in	16 1/2 in	Hex	15° Offset	Proto	24AJ85
<b>SAE, 6-Point Box End</b>					
<b>Chrome Finish</b>					
1/4 in	6 1/2 in	Rounded	15° Offset	Westward	36A275
1/2 in	7 in	Rounded	15° Offset	Westward	36A276
1/2 in	5 1/2 in	Hex	15° Offset	Proto	449N80
3/4 in	7 1/2 in	Rounded	15° Offset	Westward	36A277
3/4 in	9 1/4 in	Rounded	15° Offset	Westward	36A280
3/4 in	11 in	Hex	15° Offset	Proto	22DG91
1 1/4 in	12 1/2 in	Rounded	15° Offset	Westward	36A283
1 1/4 in	12 1/2 in	Hex	15° Offset	Proto	449N87
1 1/4 in	14 1/4 in	Rounded	15° Offset	Westward	36A285
1 1/4 in	14 1/4 in	Hex	15° Offset	Proto	449N90
1 1/4 in	15 1/4 in	Rounded	15° Offset	Westward	36A286
1 1/4 in	15 1/2 in	Hex	15° Offset	Proto	449N91
1 1/4 in	16 1/4 in	Rounded	15° Offset	Westward	36A287
1 1/4 in	16 1/2 in	Hex	15° Offset	Proto	449N94
<b>Satin Finish</b>					
3/4 in	8 1/2 in	Hex	15° Offset	Proto	449P20
3/4 in	11 in	Hex	15° Offset	Proto	1ALW8
1 1/4 in	15 1/2 in	Hex	15° Offset	Proto	449P39
<b>SAE, Spline Box End</b>					
<b>Chrome Finish</b>					
1/4 in	5 1/2 in	Rounded	15° Offset	Westward	33M577
1/4 in	5 1/2 in	Hex	15° Offset	Proto	2KGK5
3/8 in	5 3/4 in	Rounded	15° Offset	Westward	33M578
3/8 in	6 1/2 in	Rounded	15° Offset	Westward	33M579
1/2 in	7 in	Hex	15° Offset	Proto	2KGK7
1/2 in	6 1/2 in	Rounded	15° Offset	Westward	33M580
1/2 in	7 1/2 in	Hex	15° Offset	Proto	2KGK8
3/4 in	5 3/4 in	Hex	15° Offset	Proto	449N82
3/4 in	7 1/2 in	Rounded	15° Offset	Westward	33M581
3/8 in	8 1/4 in	Rounded	15° Offset	Westward	33M582
3/8 in	9 1/2 in	Hex	15° Offset	Proto	449N84
1 1/4 in	8 1/4 in	Rounded	15° Offset	Westward	33M583
1 1/4 in	10 1/4 in	Hex	15° Offset	Proto	449N86
3/4 in	9 1/2 in	Rounded	15° Offset	Westward	33M584
3/4 in	11 in	Hex	15° Offset	Proto	2KGL3
7/8 in	12 1/2 in	Hex	15° Offset	Proto	19C589
1 1/4 in	12 1/2 in	Hex	15° Offset	Proto	449N89

Head Size	Overall Length	Opening Type	Head	Brand	Item No.
Metric, 12-Point Box End					
Black Oxide Finish					
24 mm	13 in	Hex	15° Offset	Proto	449N31
30 mm	15 1/4 in	Hex	15° Offset	Proto	449N35
Chrome Finish					
10 mm	6 1/4 in	Rounded	15° Offset	Westward	36A225
24 mm	13 in	Hex	15° Offset	Proto	449N62
32 mm	16 1/2 in	Rounded	15° Offset	Westward	54RY76
34 mm	15 1/4 in	Hex	15° Offset	Proto	483J45
36 mm	15 1/2 in	Hex	15° Offset	Proto	483J46
Satin Finish					
7 mm	5 1/2 in	Hex	15° Offset	Proto	24AJ87
8 mm	5 1/2 in	Hex	15° Offset	Proto	24AJ88
10 mm	6 in	Hex	15° Offset	Proto	24AJ89
10 mm	6 1/4 in	Hex	15° Offset	Proto	449P09
11 mm	7 in	Hex	15° Offset	Proto	1ALM5
12 mm	7 1/4 in	Hex	15° Offset	Proto	24AJ90
13 mm	8 in	Hex	15° Offset	Proto	1ALM7
14 mm	5 1/2 in	Hex	15° Offset	Proto	449P13
14 mm	8 1/4 in	Hex	15° Offset	Proto	24AJ91
16 mm	9 1/2 in	Hex	15° Offset	Proto	24AJ92
17 mm	10 1/2 in	Hex	15° Offset	Proto	449P17
18 mm	10 1/4 in	Hex	15° Offset	Proto	24AJ93
19 mm	11 in	Hex	15° Offset	Proto	1ALN3
20 mm	11 1/2 in	Hex	15° Offset	Proto	24AJ94
22 mm	12 1/2 in	Hex	15° Offset	Proto	24AJ95
24 mm	13 in	Hex	15° Offset	Proto	449P28
24 mm	13 1/4 in	Hex	15° Offset	Proto	24AJ96
26 mm	14 1/2 in	Hex	15° Offset	Proto	24AJ97
27 mm	15 in	Hex	15° Offset	Proto	449P29
28 mm	15 1/2 in	Hex	15° Offset	Proto	24AJ98
29 mm	15 3/4 in	Hex	15° Offset	Proto	24AJ99
30 mm	15 1/2 in	Hex	15° Offset	Proto	24AK01
30 mm	16 1/4 in	Rounded	15° Offset	Westward	54RZ20
32 mm	16 1/2 in	Hex	15° Offset	Proto	24AK02
36 mm	19 1/4 in	Hex	15° Offset	Proto	1ALP6
36 mm	19 1/2 in	Rounded	15° Offset	Westward	54RZ23
41 mm	22 3/4 in	Rounded	15° Offset	Westward	54RZ24
41 mm	23 in	Rounded	15° Offset	Proto	1ALP7
46 mm	24 1/4 in	Rounded	15° Offset	Westward	54RZ25
46 mm	25 in	Hex	15° Offset	Proto	1ALP8
55 mm	26 1/2 in	Rounded	15° Offset	Westward	54RZ27
55 mm	28 3/4 in	Hex	15° Offset	Proto	4MWL1
60 mm	27 1/4 in	Rounded	15° Offset	Westward	54RZ28
60 mm	29 1/4 in	Hex	15° Offset	Proto	4MWL2
65 mm	29 1/4 in	Hex	15° Offset	Proto	4MWL3
70 mm	29 3/4 in	Hex	15° Offset	Proto	4MWL4
Metric, 12-Point Box End, Nonsparking					
Natural Finish					
10 mm	6 1/4 in	Rounded	15° Offset	Ampco	4RNY1
13 mm	8 1/4 in	Rounded	15° Offset	Ampco	4RNY4
17 mm	9 1/2 in	Rounded	15° Offset	Ampco	4RNY8
19 mm	10 1/4 in	Rounded	15° Offset	Ampco	4RZN1
24 mm	9 1/2 in	Rounded	15° Offset	Ampco	4RZN3
27 mm	14 in	Rounded	15° Offset	Ampco	4RZN4
32 mm	16 1/4 in	Rounded	15° Offset	Ampco	4RZN6
36 mm	18 1/4 in	Rounded	15° Offset	Ampco	49UN68
38 mm	18 1/4 in	Rounded	15° Offset	Ampco	49UN69
41 mm	20 1/4 in	Rounded	15° Offset	Ampco	49UN70
Metric, 6-Point Box End					
Chrome Finish					
7 mm	5 1/4 in	Rounded	15° Offset	Westward	36A288
8 mm	5 1/2 in	Rounded	15° Offset	Westward	36A289
10 mm	6 1/4 in	Hex	15° Offset	Proto	449N74
10 mm	6 1/4 in	Rounded	15° Offset	Westward	36A291
13 mm	7 in	Rounded	15° Offset	Westward	36A294
13 mm	8 in	Hex	15° Offset	Proto	22DG75
14 mm	7 1/2 in	Rounded	15° Offset	Westward	36A295
14 mm	7 1/2 in	Rounded	15° Offset	Westward	36A296
17 mm	8 1/2 in	Hex	15° Offset	Westward	36A298
17 mm	10 1/4 in	Hex	15° Offset	Proto	449N79
19 mm	9 1/4 in	Rounded	15° Offset	Westward	36A301
19 mm	11 in	Hex	15° Offset	Proto	22DG81
Satin Finish					
4 mm	3 in	Rounded	15° Offset	Facom	36T914
10 mm	6 1/4 in	Hex	15° Offset	Proto	449P10
13 mm	8 in	Hex	15° Offset	Proto	1AMC8
Metric, Spine Box End					
Chrome Finish					
8 mm	4 1/2 in	Rounded	15° Offset	Beta	36HV14
10 mm	5 3/4 in	Rounded	15° Offset	Beta	36HV15
10 mm	5 3/4 in	Rounded	15° Offset	Westward	33M588
13 mm	6 5/8 in	Rounded	15° Offset	Beta	36HV18
13 mm	6 7/8 in	Rounded	15° Offset	Westward	33M591
17 mm	8 1/4 in	Rounded	15° Offset	Beta	36HV21
17 mm	8 1/4 in	Rounded	15° Offset	Westward	33M594
19 mm	9 1/8 in	Rounded	15° Offset	Beta	36HV22
30 mm	15 1/4 in	Hex	15° Offset	Proto	449N88