

Wrenches

Double Open-Ended Spanner



Order No. 10				
Size (mm)		(AF)		
4 X 5	13 X 15	24 X 27	1/4 X 5/16	1 1/16 X 1 1/4
4.5 X 5.5	14 X 15	24 X 30	5/16 X 3/8	1 3/16 X 1 5/16
5.5 X 7	13 X 16	25 X 28	3/8 X 7/16	1 1/4 X 1 3/8
6 X 7	13 X 17	27 X 29	7/16 X 1/2	1 1/4 X 1 7/16
6 X 8	14 X 17	27 X 30	1/2 X 9/16	1 5/16 X 1 1/2
7 X 8	16 X 17	27 X 32	9/16 X 5/8	1 3/8 X 1 1/2
8 X 9	16 X 18	30 X 32	9/16 X 11/16	1 7/16 X 1 5/8
8 X 10	17 X 19	30 X 34	19/32 X 11/16	1 1/2 X 1 5/8
8 X 11	18 X 19	32 X 34	5/8 X 11/16	1 5/8 X 1 3/4
9 X 10	18 X 21	30 X 36	5/8 X 3/4	1 11/16 X 1 7/8
9 X 11	19 X 22	32 X 36	11/16 X 3/4	1 3/4 X 2
10 X 11	19 X 24	34 X 36	3/4 X 25/32	1 13/16 X 2
10 X 12	20 X 22	36 X 41	3/4 X 7/8	1 7/8 X 2 1/16
10 X 13	21 X 22	38 X 42	13/16 X 7/8	2 3/16 X 2 3/8
11 X 13	21 X 23	41 X 46	7/8 X 15/16	2 1/4 X 2 7/16
12 X 13	21 X 24	46 X 50	15/16 X 1	
12 X 14	22 X 24	55 X 60	1 X 1 1/8	
13 X 14	24 X 26		1 1/16 X 1 1/8	

Combination Spanner



Order No. 12			
Size (mm)		AF	
5	25	1/4	1 3/8
5.5	26	5/16	1 7/16
6	27	11/32	1 1/2
7	28	3/8	1 5/8
8	29	7/16	1 11/16
9	30	1/2	1 3/4
10	32	9/16	1 13/16
11	33	19/32	1 7/8
12	34	5/8	2
13	36	11/16	2 1/16
14	38	3/4	2 1/8
15	41	25/32	2 3/16
16	46	13/16	2 1/4
17	50	7/8	2 3/8
18	55	15/16	2 9/16
19	60	1	2 3/4
20	65	1 1/16	3
21	70	1 1/8	3 1/8
22	75	1 3/16	3 1/4
23	80	1 1/4	
24		1 5/16	

Straight Double Ring Spanner



Order No. 14		
Size (mm)		(AF)
6 X 7	16 X 17	5/16 X 3/8
8 X 9	16 X 18	7/16 X 1/2
8 X 10	17 X 19	9/16 X 5/8
9 X 11	18 X 19	11/16 X 3/4
10 X 11	18 X 21	13/16 X 7/8
11 X 13	19 X 22	15/16 X 1
12 X 13	20 X 22	1 1/16 X 1 1/8
12 X 24	21 X 22	1 1/16 X 1 1/4
13 X 15	21 X 23	
13 X 16	22 X 24	
14 X 15	24 X 26	
13 X 17	24 X 27	
14 X 17		

Double Ended Ring Spanner



Order No. 11			
Size (mm)		(AF)	
6 X 7	21 X 23	1/4 X 5/6	1 1/4 X 1 7/16
8 X 9	21 X 24	5/16 X 3/8	1 5/16 X 1 3/8
8 X 10	22 X 24	3/8 X 7/16	1 5/16 X 1 1/2
10 X 11	24 X 26	7/16 X 1/2	1 3/8 X 1 1/2
10 X 13	24 X 27	1/2 X 9/16	1 7/16 X 1 5/8
12 X 13	24 X 30	1/2 X 19/32	1 11/16 X 1 7/8
13 X 14	25 X 28	9/16 X 5/8	1 13/16 X 2
14 X 15	27 X 29	5/8 X 11/16	1 7/8 X 2
13 X 16	27 X 30	5/8 X 3/4	1 7/8 X 2 1/16
14 X 17	27 X 32	11/16 X 3/4	2 3/16 X 2 3/8
16 X 17	30 X 32	3/4 X 25/32	2 1/4 X 2 7/16
16 X 18	30 X 36	13/16 X 7/8	2 9/16 X 2 3/4
17 X 19	32 X 36	7/8 X 15/16	2 5/8 X 2 13/16
18 X 19	34 X 36	15/16 X 1	3 X 3 1/8
18 X 21	36 X 41	1 X 1 1/8	
19 X 22	41 X 46	1 1/16 X 1 1/8	
19 X 24	46 X 50	1 1/16 X 1 1/4	
20 X 22		1 3/16 X 1 5/16	

Obstruction Spanner



Order No. 13	
Size (mm)	(AF)
3.2 X 3.2	5/32 X 5/32
3.5 X 3.5	3/16 X 3/16
4 X 4	7/32 X 7/32
4.5 X 4.5	1/4 X 1/4
5 X 5	9/32 X 9/32
5.5 X 5.5	5/16 X 5/16
6 X 6	11/32 X 11/32
7 X 7	3/8 X 3/8
8 X 8	13/32 X 13/32
9 X 9	7/16 X 7/16
10 X 10	15/32 X 15/32
11 X 11	1/2 X 1/2
12 X 12	9/16 X 9/16
13 X 13	5/8 X 5/8
14 X 14	
15 X 15	
16 X 16	
17 X 17	

Obstruction Ring Spanner



Order No. 15	
Size (mm)	AF
10 X 12	7/16 X 1/2
11 X 13	1/2 X 9/16
12 X 13	9/16 X 5/8
13 X 15	5/8 X 3/4
13 X 17	3/4 X 7/8
14 X 16	
14 X 17	
15 X 17	
17 X 19	
19 X 21	
19 X 22	

Flexible Socket & Open-End Wrench



Order No. 16	
Size (mm)	AF
8	3/8
9	7/16
10	1/2
11	9/16
12	5/8
13	11/16
14	3/4
15	13/16
16	7/8
17	
18	
19	
21	

Wrenches

Double Flexible Socket Wrench



Order No. 17		
Size (mm)	(AF)	
8 X 9	18 X 19	3/8 X 7/16
10 X 11	20 X 22	1/2 X 9/16
12 X 13	21 X 23	5/8 X 11/16
14 X 15	24 X 27	13/16 X 7/8
16 X 17	30 X 32	

Offset Ratchet Double Socket Wrench (JIS/STD)



Order No. 21	
Size (mm)	
8 X 9	17 X 19
8 X 10	17 X 21
10 X 12	19 X 21
10 X 13	19 X 22
11 X 13	21 X 26
12 X 14	22 X 24
13 X 17	24 X 27
14 X 17	27 X 30
15 X 16	30 X 32

Single Open-End Wrench



Order No. 25		
Size (mm)		
5.5	18	50
6	19	55
7	21	60
8	22	35
9	24	70
10	27	75
11	30	80
12	32	85
13	34	90
14	36	95
15	38	100
16	41	
17	46	

Double Ratchet Scaffold Wrench



Order No. 28	
Size (mm)	
10 X 12	22 X 24
10 X 13	22 X 27
11 X 13	24 X 27
12 X 14	24 X 30
13 X 17	26 X 32
14 X 17	27 X 30
17 X 19	27 X 32
17 X 21	30 X 32
17 X 22	32 X 35
19 X 21	32 X 36
19 X 22	35 X 41
19 X 24	36 X 41
21 X 26	41 X 46
21 X 27	46 X 50

Double Open Ring Wrench



Order No. 18		
Size (mm)	AF	
8 X 10	14 X 16	5/16 X 3/8
9 X 11	14 X 17	3/8 X 7/16
10 X 11	17 X 19	7/16 X 1/2
10 X 12	19 X 22	1/2 X 9/16
11 X 13	21 X 23	9/16 X 5/8
12 X 14	24 X 24	5/8 X 3/4
13 X 14	24 X 27	11/16 X 3/4
13 X 15	30 X 32	3/4 X 7/8

Air-con & Refrigeration Ratchet Wrench



Order No. 22		
Size (AF)		
A	1/4-3/16 Sq.	9/16-1/2 Hex.
B	3/8-5/16 Sq.	1/4-3/16 Hex.

Double Bent Ring Wrench



Order No. 23	
Size (mm)	
16 X 18	23 X 26
17 X 19	24 X 27
17 X 21	24 X 30
18 X 21	26 X 32
19 X 21	27 X 30
19 X 22	30 X 32
19 X 24	32 X 35
21 X 23	32 X 36
21 X 24	35 X 41
21 X 26	36 X 41
22 X 24	

Straight Ratchet Double Socket Wrench



Order No. 19		
Size (mm)	(AF)	
5.5 X 7	13 X 17	1/4 X 5/16
6 X 7	14 X 17	3/8 X 7/16
8 X 9	17 X 19	1/2 X 9/16
8 X 10	17 X 21	5/8 X 11/16
10 X 12	19 X 21	3/4 X 7/8
10 X 13	19 X 22	
11 X 13	21 X 23	
12 X 14	22 X 24	
13 X 15		

Single Ring Bent Type Wrench



Slogging Ring Spanner



Order No. 26		
Size (mm)		
10	26	54
11	27	55
12	29	58
13	30	60
14	32	63
17	35	65
19	36	67
21	38	70
22	41	71
23	46	75
24	50	

Single Ring Pointed-End Wrench



Single Size Scaffold Ratchet Wrench



Order No. 27	
Size (mm)	
13	26
14	27
17	30
19	32
21	36
22	41
24	46

Order No. 29			
Size (mm)	(AF)		
22	90	1	2 3/16
24	95	1 1/16	2 1/4
27	100	1 1/8	2 5/16
28	105	1 3/16	2 3/8
30	110	1 1/4	2 7/16
32	115	1 5/16	2 1/2
34	120	1 3/8	2 9/16
36	125	1 7/16	2 5/8
38	130	1 1/2	2 3/4
41	135	1 9/16	2 13/16
46	140	1 5/8	2 7/8
50	145	1 11/16	2 15/16
55	150	1 3/4	
60	155	1 13/16	
65	160	1 7/8	
70	165	1 15/16	
75	170	2	
80	175	2 1/16	
85		2 1/8	

Offset Ratchet Double Socket Wrench



Order No. 20	
Size (mm)	AF
6 X 7	1/4 X 5/16
8 X 9	3/8 X 7/16
10 X 11	1/2 X 9/16
12 X 13	5/8 X 11/16
14 X 15	3/4 X 7/8
16 X 17	
18 X 19	
21 X 22	

Order No. 24			
Size (mm)	AF		
13	32	7/8	1 11/16
14	35	15/16	1 13/16
17	36	1	1 7/8
19	41	1 1/16	2
21	46	1 1/8	2 3/16
22	50	1 1/4	2 3/8
24	54	1 5/16	2 9/16
26	55	1 7/16	2 3/4
27	58	1 1/2	
30	60	1 5/8	

Wrenches

Constructing Ring Wrench



Order No. 30		
Size (mm)	(AF)	
22	7/8	2 1/4
24	1	2 3/8
27	1 1/16	2 1/2
30	1 1/8	2 9/16
32	1 3/16	2 3/4
36	1 1/4	2 15/16
38	1 5/16	3 1/8
41	1 3/8	3 3/8
46	1 7/16	
50	1 1/2	
55	1 9/16	
60	1 5/8	
65	1 11/16	
70	1 3/4	
75	1 13/16	
80	1 7/8	
85	2	
90	2 1/16	
95	2 1/8	
100	2 3/16	

Open-End Slogging Wrench



Order No. 31a			
Size (mm)		(AF)	
24	95	1	2 1/16
27	100	1 1/16	2 1/8
30	105	1 1/8	2 3/16
32	110	1 3/16	2 1/4
36	115	1 1/4	2 5/16
38	120	1 5/16	2 3/8
41	125	1 3/8	2 7/16
46	130	1 7/16	2 1/2
50	135	1 1/2	2 9/16
55	140	1 9/16	2 5/8
60	145	1 5/8	2 3/4
65	150	1 11/16	2 13/16
70	155	1 3/4	2 7/8
75	160	1 13/16	2 15/16
80	165	1 7/8	3
85	170	1 15/16	3 1/8
90	175	2	

Adjustable Hook Wrench



Order No. 34	
	Dia Capacity
A	3/4" to 2"
B	1 1/4" to 3"
C	2" to 4 3/4"
D	4 1/2" to 6 1/4"
E	6 1/8" to 8 3/4"

Adjustable Wrench



Order No. 39	
Size (mm)	AF
13	4
20	6
24	8
29	10
34	12
44	15
55	18
65	24

Adjustable Face Wrench



Order No. 35	
A Dia of Pin (AF)	B Pin ø (mm)
3/16	3
1/4	4
5/16	5
	6
	8

Bahco Adjustable Wrench



Order No. 40	
Size (AF)	
4	15
6	18
8	24
10	30
12	

Fix Type Hook Wrench



Fix Pin Type Hook Wrench



Order No. 31		
Order No.		Zapfen ø (mm)
12	12-14	2.0
16	16-18	2.5
20	20-22	2.5
25	25-28	3.0
30	30-32	4.0
34	34-36	4.0
40	40-42	4.0
45	45-50	5.0
52	52-55	5.0
58	58-62	5.0
68	68-75	6.0
80	80-90	6.0
95	95-100	6.0
110	110-115	8.0
120	120-130	8.0
135	135-145	8.0
155	155-165	8.0
180	180-195	10.0
205	205-220	10.0
230	230-245	10.0
260	260-270	10.0

Order No. 32	
(mm)	
12-14	120-130
16-20	135-145
25-28	155-165
30-32	180-195
34-36	205-220
40-42	230-245
45-50	260-270
52-55	280-300
58-62	300-320
68-75	320-345
80-90	350-375
95-100	380-400
110-115	480-500

Adjustable Face Wrench (JIS/STD)



Single Open-End Construction Wrench



Order No. 41	
Size (AF)	
9/16	1 1/4
5/8	1 5/16
11/16	1 7/16
3/4	1 1/2
13/16	1 5/8
7/8	1 11/16
15/16	1 13/16
1	1 7/8
1 1/16	2
1 1/8	

Adjustable Pin Hook Wrench



Automatic Wrench



Order No. 37	
Capacity (mm)	AF
7-15	6
9-25	8
15-35	10
19-43	12

Ratchet Flare Nut Wrench



Order No. 33		
	Dia Capacity	Dia of Pin
A	3/4" to 2"	1/8"
B	3/4" to 2"	3/16"
C	1 1/4" to 3"	3/16"
D	1 1/4" to 3"	1/4"
E	2" to 4 3/4"	1/4"
F	4 1/2" to 6 1/4"	3/8"

Motor Wrench (For 73 mm OD)



Order No. 42		
Size (mm)	AF	
13	3/8	3/4
14	7/16	13/16
17	1/2	7/8
19	9/16	15/16
21	5/8	1
22	11/16	