

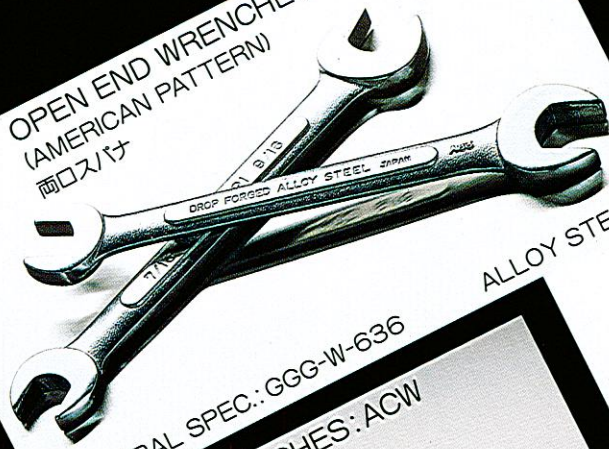


DROP FORGED & CHROME PLATED

# MECHANIC'S WRENCHES

メカニックレンチ

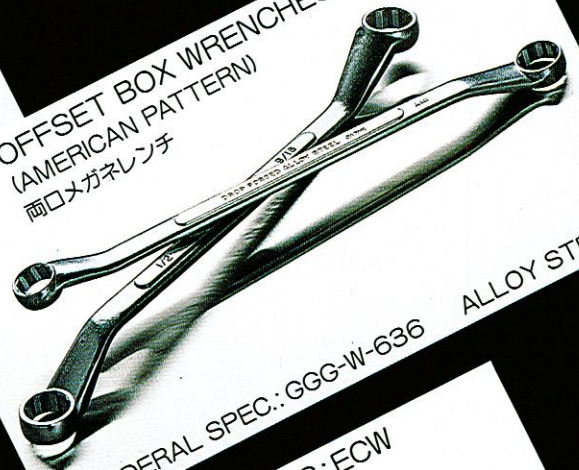
OPEN END WRENCHES: AOW  
(AMERICAN PATTERN)  
両口スパナ



ALLOY STEEL

FEDERAL SPEC.: GGG-W-636

OFFSET BOX WRENCHES: ABW  
(AMERICAN PATTERN)  
両口メガネレンチ



ALLOY STEEL

FEDERAL SPEC.: GGG-W-636

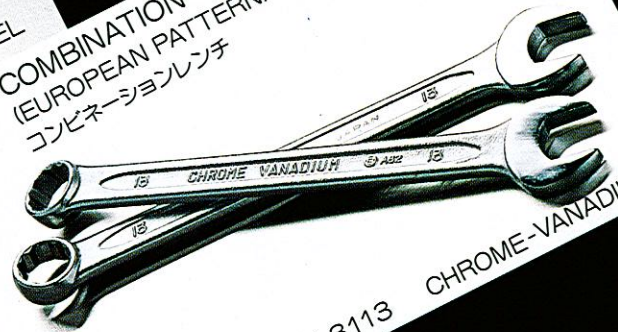
COMBINATION WRENCHES: ACW  
(AMERICAN PATTERN)  
コンビネーションレンチ



ALLOY STEEL

FEDERAL SPEC.: GGG-W-636

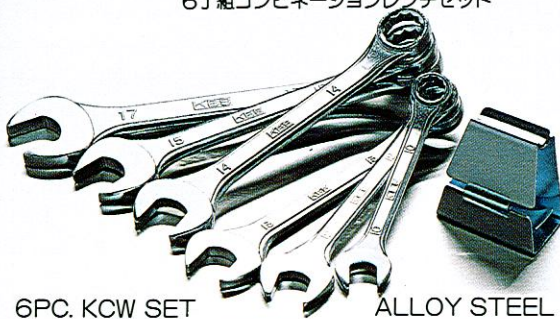
COMBINATION WRENCHES: ECW  
(EUROPEAN PATTERN)  
コンビネーションレンチ



CHROME-VANADIUM

DIN-3113

COMBINATION WRENCHES: KCW  
(ORIGINAL PATTERN)  
6丁組コンビネーションレンチセット



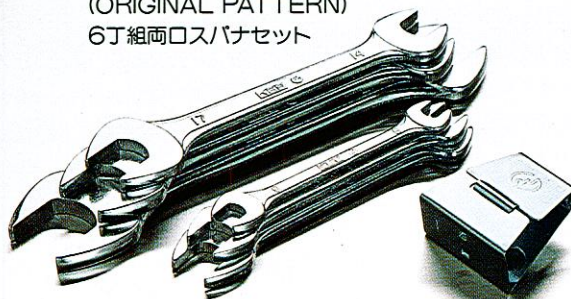
6PC. KCW SET

ALLOY STEEL

## 6pc. SET CONTENTS

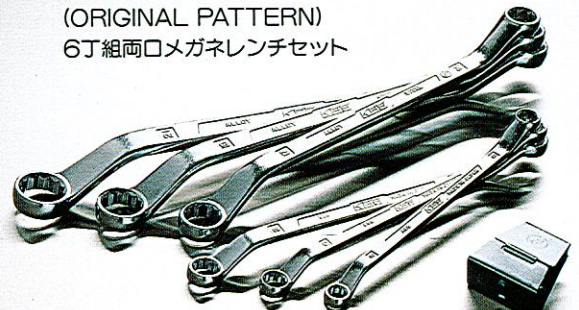
KCW-1	KCW-2	KOW-1	KOW-2	KBW-1	KBW-2
10×10	8×8	8×9	7×8	8×9	10×12
12×12	11×11	10×12	8×10	10×12	12×14
13×13	13×13	12×14	11×13	12×14	14×17
14×14	14×14	14×17	12×14	14×17	17×19
15×15	15×15	17×19	17×19	17×19	19×21
17×17	17×17	21×23	22×24	19×21	22×24

OPEN END WRENCHES: KOW  
(ORIGINAL PATTERN)  
6丁組両口スパナセット



JIS B 4630 6PC. KOW SET ALLOY STEEL

OFFSET BOX WRENCHES: KBW  
(ORIGINAL PATTERN)  
6丁組両口メガネレンチセット



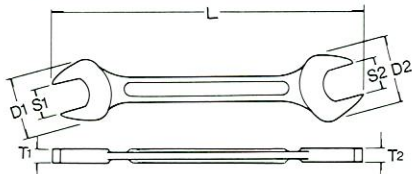
JIS B 4632 6PC. KBW SET ALLOY STEEL



### OPEN END WRENCHES (American Pattern) : AOW

両口スパナ Federal Spec.: GGG-W-636e

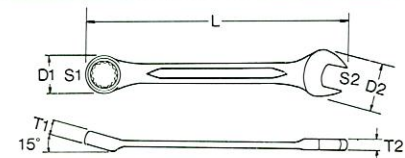
MODEL No.	SIZE	OVERALL LENGTH	WEIGHT
AOW-02	6 x 7mm	100mm	15 g
-05	8 x 9	110	30
-08	10 x 11	125	40
-15	12 x 13	145	60
-18	14 x 15	160	100
-21	16 x 17	175	120
-22	17 x 19	190	140
-25	18 x 19	210	170
-29	20 x 22	290	240
AOW-60S	3/16 x 7/32 inch	95mm	15
-61	7/32 x 1/4	95	15
-62S	1/4 x 9/32	100	20
-62	1/4 x 5/16	100	20
-64S	5/16 x 11/32	120	35
-64	5/16 x 3/8	120	35
-65	5/16 x 7/16	125	40
-66	11/32 x 3/8	120	35
-67	3/8 x 7/16	130	45
-67S	3/8 x 1/2	135	60
-69	7/16 x 1/2	143	70
-70	7/16 x 9/16	150	190
-71	1/2 x 9/16	160	100
-72	9/16 x 5/8	178	130
-73	9/16 x 11/16	185	140
-74	9/16 x 3/4	190	140
-76	5/8 x 11/16	200	160
-77	5/8 x 3/4	205	280
-78	11/16 x 3/4	215	200
-78S	11/16 x 13/16	235	220
-79	3/4 x 13/16	235	230
-80	3/4 x 7/8	245	250
-84	13/16 x 7/8	255	280
-85	7/8 x 15/16	264	310
-85S	7/8 x 1	270	350
-86	15/16 x 1	280	400
-87	1 x 1-1/8	305	500



### COMBINATION WRENCHES (European Pattern) : ECW

コンビネーションレンチ DIN-3113

MODEL No.	SIZE	OVERALL LENGTH	WEIGHT
ECW-02	6 x 6mm	100mm	15 g
-03	7 x 7	110	17
-04	8 x 8	120	26
-05	9 x 9	130	33
-06	10 x 10	140	36
-07	11 x 11	150	47
-08	12 x 12	160	61
-09	13 x 13	170	71
-10	14 x 14	180	98
-11	15 x 15	190	98
-13	17 x 17	210	146
-15	19 x 19	230	176



### COMBINATION WRENCHES (Original Pattern):KCW

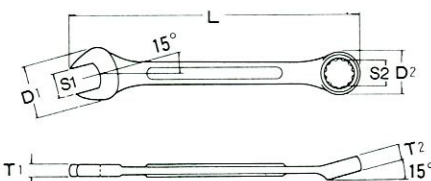
オリジナルコンビネーションレンチ

MODEL No.	SIZE	OVERALL LENGTH	WEIGHT
KCW-04	8 x 8mm	100mm	25 g
-05	9 x 9	100	25
-06	10 x 10	110	30
-07	11 x 11	120	35
-08	12 x 12	130	40
-09	13 x 13	140	55
-10	14 x 14	150	75
-11	15 x 15	160	90
-13	17 x 17	180	110
-14	18 x 18	210	125
-62	3/8 x 3/8 inch	110mm	30 g
-64	7/16 x 7/16	120	35
-65	1/2 x 1/2	140	55
-66	9/16 x 9/16	150	75
-68	5/8 x 5/8	170	110
-69	11/16 x 11/16	180	125

### COMBINATION WRENCHES (American Pattern) : ACW

コンビネーションレンチ Federal Spec.: GGG-W-636c

MODEL No.	SIZE	OVERALL LENGTH	WEIGHT
ACW-01	5.5 x 5.5mm	90mm	20 g
-02	6 x 6	90	20
-03	7 x 7	90	20
-04	8 x 8	110	20
-05	9 x 9	120	25
-06	10 x 10	130	35
-07	11 x 11	135	45
-08	12 x 12	145	50
-09	13 x 13	150	65
-10	14 x 14	160	80
-11	15 x 15	170	190
-12	16 x 16	180	100
-13	17 x 17	190	135
-14	18 x 18	210	265
-15	19 x 19	235	200
-16	20 x 20	263	250
-17	21 x 21	263	250
-18	22 x 22	285	380
-19	23 x 23	310	390
-20	24 x 24	310	490
-22	26 x 26	330	530
-23	27 x 27	365	680
-25	29 x 29	385	850
-26	30 x 30	400	820
-37	32 x 32	420	20
-60S	3/16 x 3/16 inch	80	15
-60	1/4 x 1/4	90	20
-61S	9/32 x 9/32	90	20
-61	5/16 x 5/16	100	25
-62S	11/32 x 11/32	100	25
-62	3/8 x 3/8	115	30
-64	7/16 x 7/16	135	45
-65	1/2 x 1/2	150	65
-66	9/16 x 9/16	170	190
-68	5/8 x 5/8	190	120
-69	11/16 x 11/16	210	265
-70	3/4 x 3/4	235	200
-72	13/16 x 13/16	263	250
-73	7/8 x 7/8	285	280
-74	15/16 x 15/16	310	90
-75	1 x 1	330	430
-76	1-1/16 x 1-1/16	365	580
-77	1-1/8 x 1-1/8	385	650
-78	1-1/4 x 1-1/4	420	820



### OPEN END WRENCHES (Original Pattern):KOW

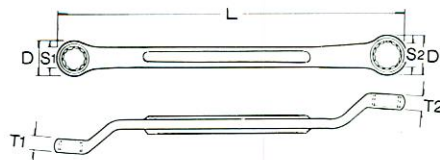
オリジナル両口スパナ JIS B 4630

MODEL No.	SIZE	OVERALL LENGTH	WEIGHT
KOW-02	6 x 7mm	100mm	15 g
-05	8 x 9	110	25
-09	10 x 12	130	40
-13	11 x 13	135	50
-16	12 x 14	140	65
-19	14 x 17	165	95
-22	17 x 19	180	145
-30	21 x 23	215	230
-32	22 x 24	220	260
KOW-62	1/4 x 5/16 inch	105mm	20 g
-64	5/16 x 3/8	115	25
-67	3/8 x 7/16	125	40
-68	13/32 x 7/16	125	40
-71	1/2 x 9/16	140	65
-72S	19/32 x 5/8	155	95
-75	19/32 x 11/16	165	110
-77	5/8 x 3/4	175	130
-78	11/16 x 3/4	175	145
-82	25/32 x 7/8	205	230
-86	15/16 x 1	230	320

### OFFSET BOX WRENCHES (American Pattern) : ABW

メガネレンチ Federal Spec.: GGG-W-636e

MODEL No.	SIZE	OVERALL LENGTH	WEIGHT
ABW-67 -45R	3/8 x 7/16 inch	183mm	80 g
-69 - //	7/16 x 1/2	205	90
-71 - //	1/2 x 9/16	212	120
-72 - //	9/16 x 5/8	225	140
-76 - //	5/8 x 11/16	245	180
-77 - //	5/8 x 3/4	260	220
-78 - //	11/16 x 3/4	270	250
-79 - //	3/4 x 13/16	280	280
-80 - //	3/4 x 7/8	295	300
-84 - //	13/16 x 7/8	300	320
-86 - //	15/16 x 1	352	380
ABW-60 -60S	3/16 x 13/64	73	10
-61S - //	7/32 x 15/64	80	15
-62S - //	1/4 x 9/32	100	20
-62 - //	1/4 x 5/16	110	25
-64S - //	5/16 x 11/32	115	30
-64 - //	5/16 x 3/8	120	35
-67 - //	3/8 x 7/16	125	50
-71 - //	1/2 x 9/16	145	90
-77 - //	5/8 x 3/4	165	140
ABW-85 -15R	7/8 x 15/16	330	400
-64 -15S	5/16 x 3/8	115	35
-71 -15S	1/2 x 9/16	130	55
-76 -15S	5/8 x 11/16	145	90



### OFFSET BOX WRENCHES (Original Pattern):KBW

オリジナル両口メガネレンチ JIS B 4632

MODEL No.	SIZE	OVERALL LENGTH	WEIGHT
KBW-02	6 x 7mm	175mm	50 g
-05	8 x 9	175	50
-06	8 x 10	175	50
-08	10 x 11	198	70
-09	10 x 12	198	70
-13	11 x 13	198	70
-15	12 x 13	226	110
-16	12 x 14	226	110
-18	14 x 15	258	180
-19	14 x 17	258	180
-21	16 x 17	293	260
-22	17 x 19	293	260
-25	18 x 19	293	260
-26	19 x 21	331	340
-29	20 x 22	331	340
-30	21 x 23	375	490
-32	22 x 24	375	490
-34	23 x 26	378	500
-35	24 x 26	378	500
-36	24 x 27	378	500
-38	25 x 28	360	610
-39	26 x 29	360	610
-43	27 x 32	403	750
-44	29 x 32	403	750
-47	32 x 35	427	1,050
-49	35 x 41	453	1,250