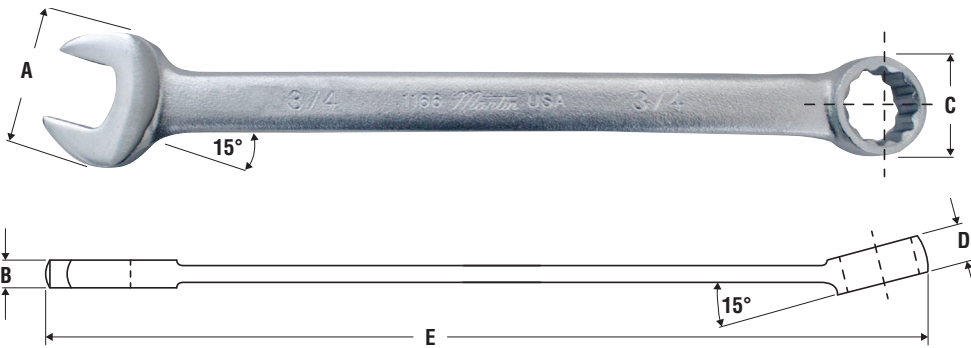


Combination Wrenches



American Alloy Steel
Drop Forged
Long Pattern
15° Angle & 12 Point Box
Versatile, General Purpose
Wrench in a Complete Range
of Openings, 1/4" through 3 1/2"
Chrome and
Industrial Black Finish

Wrench Opening	Open End		Box End		Overall Length	Weight Each (lb)	Part Number		Std. Pkg. Qty.	Wrench Opening
	Diameter	Thickness	Diameter	Thickness			Chrome	Industrial Black		
1/4	19/32	5/32	7/16	7/32	5	.04	1158	BLK1158	6	1/4
5/16	11/16	3/16	33/64	1/4	5-1/2	.05	1159	BLK1159	6	5/16
11/32	11/16	3/16	33/64	1/4	5-1/2	.05	1159A	BLK1159A	6	11/32
3/8	13/16	3/16	19/32	9/32	6	.08	1160	BLK1160	6	3/8
7/16	15/16	7/32	11/16	5/16	6-1/2	.13	1161	BLK1161	6	7/16
1/2	1-1/16	1/4	25/32	11/32	7-1/8	.17	1162	BLK1162	6	1/2
9/16	1-3/16	9/32	55/64	3/8	7-3/4	.25	1163	BLK1163	6	9/16
5/8	1-5/16	9/32	15/16	13/32	8-1/2	.30	1164	BLK1164	6	5/8
11/16	1-7/16	5/16	1-1/32	7/16	9-1/4	.38	1165	BLK1165	6	11/16
3/4	1-9/16	11/32	1-1/8	15/32	10-1/8	.43	1166	BLK1166	6	3/4
13/16	1-11/16	23/64	1-3/64	1/2	11	.55	1167A	BLK1167A	6	13/16
7/8	1-13/16	3/8	1-9/32	17/32	12	.64	1167	BLK1167	6	7/8
15/16	1-15/16	13/32	1-3/8	9/16	13	.77	1168	BLK1168	6	15/16
1	2-1/16	13/32	1-15/32	19/32	14	.92	1170	BLK1170	6	1
1-1/16	2-3/16	7/16	1-9/16	5/8	15	1.07	1171	BLK1171	6	1-1/16
1-1/8	2-5/16	15/32	1-41/64	21/32	16-1/8	1.37	1172	BLK1172	6	1-1/8
1-3/16	2-9/16	1/2	1-13/16	23/32	17-3/16	1.37	1172A	BLK1172A	6	1-3/16
1-1/4	2-9/16	1/2	1-13/16	23/32	17-3/16	1.8	1173	BLK1173	1	1-1/4
1-5/16	2-11/16	17/32	1-7/8	3/4	18	2.1	1174	BLK1174	1	1-5/16
1-3/8	2-13/16	9/16	1-31/32	25/32	18-3/4	2.1	1175	BLK1175	1	1-3/8
1-7/16	2-15/16	19/32	2-1/16	13/16	19-1/2	3.6	1176	BLK1176	1	1-7/16
1-1/2	3-1/16	5/8	2-5/32	27/32	20-1/2	3.4	1177	BLK1177	1	1-1/2
1-9/16	3-5/16	21/32	2-11/32	7/8	21-1/2	3.4	1178A	BLK1178A	1	1-9/16
1-5/8	3-5/16	21/32	2-11/32	7/8	21-1/2	4.5	1180	BLK1180	1	1-5/8
1-11/16	3-7/16	11/16	2-7/16	29/32	22-1/2	4.5	1182	BLK1182	1	1-11/16
1-3/4	3-11/16	23/32	2-5/8	31/32	24	7.1	1184	BLK1184	1	1-3/4
1-13/16	3-11/16	23/32	2-5/8	31/32	24	7.0	1186	BLK1186	1	1-13/16
1-7/8	4-1/16	25/32	2-7/8	1-1/16	25-3/4	6.9	1188	BLK1188	1	1-7/8
1-15/16	4-1/16	25/32	2-7/8	1-1/16	25-3/4	6.8	1189	BLK1189	1	1-15/16
2	4-1/16	25/32	2-7/8	1-1/16	25-3/4	6.8	1190	BLK1190	1	2
2-1/16	4-9/32	13/16	3-1/16	1-1/8	27-1/2	8.3	1191	BLK1191	1	2-1/16
2-1/8	4-9/32	13/16	3-1/16	1-1/8	27-1/2	8.2	1192	BLK1192	1	2-1/8
2-3/16	4-17/32	7/8	3-7/32	1-3/16	29-1/4	7.9	1193	BLK1193	1	2-3/16
2-1/4	4-17/32	7/8	3-7/32	1-3/16	29-1/4	7.7	1194	BLK1194	1	2-1/4
2-3/8	5	31/32	3-17/32	1-5/16	31	12.1	1195	BLK1195	1	2-3/8
2-1/2	5	31/32	3-17/32	1-5/16	31	11.7	1196	BLK1196	1	2-1/2
2-9/16	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1197	BLK1197	1	2-9/16
2-5/8	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1197A	BLK1197A	1	2-5/8
2-3/4	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1197B	BLK1197B	1	2-3/4
2-7/8	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1198	BLK1198	1	2-7/8
2-15/16	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1198A	BLK1198A	1	2-15/16
3	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1198B	BLK1198B	1	3
3-1/8	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1199	BLK1199	1	3-1/8
3-3/8	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1199A	BLK1199A	1	3-3/8
3-1/2	6-1/2	1-1/8	2-1/2	1-1/2	31-3/4	12.53	1199B	BLK1199B	1	3-1/2

Convenient Sets Provide Popular Wrench Sizes Ranging from 3/8" through 2" Openings.

Sets are Available in 4 Sizes: 5, 7, 11 and 14 Wrenches, Packaged in a Handcrafted Fabric and Vinyl Roll Up Kit.

Chrome Sets

C7K		C11K		C14K		HC5K	
OPENING	PART NO.	OPENING	PART NO.	OPENING	PART NO.	OPENING	PART NO.
3/8	1160	3/8	1160	3/8	1160	1-1/4	1173
7/16	1161	7/16	1161	7/16	1161	1-7/16	1176
1/2	1162	1/2	1162	1/2	1162	1-5/8	1180
9/16	1163	9/16	1163	9/16	1163	1-13/16	1186
5/8	1164	5/8	1164	5/8	1164	2	1190
11/16	1165	11/16	1165	11/16	1165	Kit Bag	C55
3/4	1166	3/4	1166	3/4	1166		
Kit Bag	C187	13/16	1167A	13/16	1167A		
		7/8	1167	7/8	1167		
		15/16	1168	15/16	1168		
		1	1170	1	1170		
		Kit Bag	C110	1-1/16	1171		
				1-1/8	1172		
				1-1/4	1173		
				Kit Bag	C140		

Industrial Black Sets

CB7K		CB11K		CB14K		HCB5K	
OPENING	PART NO.	OPENING	PART NO.	OPENING	PART NO.	OPENING	PART NO.
3/8	BLK1160	3/8	BLK1160	3/8	BLK1160	1-1/4	BLK1173
7/16	BLK1161	7/16	BLK1161	7/16	BLK1161	1-7/16	BLK1176
1/2	BLK1162	1/2	BLK1162	1/2	BLK1162	1-5/8	BLK1180
9/16	BLK1163	9/16	BLK1163	9/16	BLK1163	1-13/16	BLK1186
5/8	BLK1164	5/8	BLK1164	5/8	BLK1164	2	BLK1190
11/16	BLK1165	11/16	BLK1165	11/16	BLK1165	Kit Bag	C55
3/4	BLK1166	3/4	BLK1166	3/4	BLK1166		
Kit Bag	C187	13/16	BLK1167A	13/16	BLK1167A		
		7/8	BLK1167	7/8	BLK1167		
		15/16	BLK1168	15/16	BLK1168		
		1	BLK1170	1	BLK1170		
		Kit Bag	C110	1-1/16	BLK1171		
				1-1/8	BLK1172		
				1-1/4	BLK1173		
				Kit Bag	C140		



Tool Box Included - BX21



M46K			
ADJUSTABLE WRENCHES		3/8" DRIVE SOCKET SET	
6"	A6	1/4"	B1208
		5/16"	B1210
		3/8"	B1212
COMBINATION WRENCH SET			
1/4"	1158	7/16"	B1214
5/16"	1159	1/2"	B1216
3/8"	1160	9/16"	B1218
7/16"	1161	5/8"	B1220
1/2"	1162	11/16"	B1222
9/16"	1163	3/4"	B1224
5/8"	1164	15/16 x 15/16	3719
11/16"	1165	1 x 1	3720
3/4"	1166	Kit Bag	C111
13/16"	1167A	13/16"	B1226
7/8"	1167	7/8"	B1228
Kit Bag	C110	15/16"	B1230
Kit Bag	C55	1"	B1232
15/16"	1168	7" Rev. Ratchet	B52
1"	1170	3" Ext.	B103
1-1/16"	1171	6" Ext.	B105
1-1/8"	1172	Universal	B140A
1-1/4"	1173	Flex Handle	B40A
HAMMERS		CHISEL & PUNCH	
12 oz Ball Peen	104G	3/16" Pin Punch	P6
		1/4" Center Punch	P38
		1/2" Cold Chisel	C16
		7/16"	1161
PLIERS & SCREWDRIVERS			
8" Combination Slip Joint Pliers			P208
6" Diagonal Cutting Pliers			P206
6-1/2" Long Chain Nose Side Cutting Pliers			P506
6" Square Blade Screwdriver			SDS6
6" No. 3 Phillips Screwdriver			SDP6

M46KM			
ADJUSTABLE WRENCHES		3/8" DRIVE SOCKET SET	
6"	A6	8 mm	BM1208
		9 mm	BM1209
		10 mm	BM1210
COMBINATION WRENCH SET			
7 mm	1107MM	11 mm	BM1211
8 mm	1108MM	12 mm	BM1212
9 mm	1109MM	13 mm	BM1213
10 mm	1110MM	14 mm	BM1214
11 mm	1111MM	15 mm	BM1215
12 mm	1112MM	16 mm	BM1216
13 mm	1113MM	17 mm	BM1217
14 mm	1114MM	18 mm	BM1218
15 mm	1115MM	19 mm	BM1219
16 mm	1116MM	Adaptor	BS130
17 mm	1117MM	7" Rev. Ratchet	B52
Kit Bag	C110	3" Ext.	B103
Kit Bag	C55	6" Ext.	B105
24 mm	1124MM	Universal	B140A
26 mm	1126MM	Flex Handle	B40A
28 mm	1128MM	6" Ext.	B105
29 mm	1129MM	Universal	B140A
30 mm	1130MM	Flex Handle	B40A
HAMMERS		CHISEL & PUNCH	
12 oz Ball Peen	104G	3/16" Pin Punch	P6
		1/4" Center Punch	P38
		1/2" Cold Chisel	C16
		7/16"	1161
PLIERS & SCREWDRIVERS			
8" Combination Slip Joint Pliers			P208
6" Diagonal Cutting Pliers			P206
6-1/2" Long Chain Nose Side Cutting Pliers			P506
6" Square Blade Screwdriver			SDS6
6" No. 3 Phillips Screwdriver			SDP6

Mechanic's Set Industrial



Tool Box Included - BX26



M100K

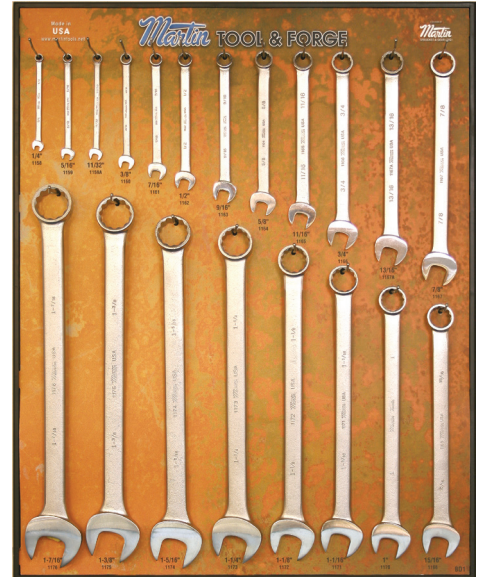
3/8" DRIVE SOCKET SET		1/2" DRIVE SOCKET SET	
1/4"	B1208	3/8"	ST1212
5/16"	B1210	7/16"	ST1214
3/8"	B1212	1/2"	ST1216
7/16"	B1214	9/16"	ST1218
1/2"	B1216	5/8"	ST1220
9/16"	B1218	11/16"	ST1222
5/8"	B1220	3/4"	ST1224
11/16"	B1222	13/16"	ST1226
3/4"	B1224	7/8"	ST1228
13/16"	B1226	15/16"	ST1230
7/8"	B1228	1"	ST1232
15/16"	B1230	1-1/16"	ST1234
1"	B1232	1-1/8"	ST1236
3" Ext.	B103	1-3/16"	ST1238
6" Ext.	B105	1-1/4"	ST1240
Flex Handle	B40A	5" Ext.	S110P
Universal Joint	B140A	10" Ext.	S115P
7" Rev. Ratchet	B52	Flex Handle	SF41
		Rev. Ratchet	SF51
COMBINATION WRENCHES			
1/4"	1158		
5/16"	1159		
3/8"	1160		
7/16"	1161		
1/2"	1162		
9/16"	1163		
5/8"	1164		
11/16"	1165		
3/4"	1166		
13/16"	1167A		
7/8"	1167		
Kit Bag	C110		
5/16"	1168		
1"	1170		
1-1/16"	1171		
1-1/8"	1172		
1-1/4"	1173		
Kit Bag	C55		
CHISEL & PUNCH			
3/16" Pin	P6		
3/16" Center	P40		
1/2" Cold	C16		
1/4" Pin	P8		
1/4" Center	P42		
3/4" Cold	C24		
1/16" Pin	P2		
1/4" Taper	P27		
HEX KEY WRENCH SET			
13 pcs. Short Arm Series	13S		
COMBINATION WRENCHES			
1/4"	1158		
5/16"	1159		
3/8"	1160		
7/16"	1161		
1/2"	1162		
9/16"	1163		
5/8"	1164		
11/16"	1165		
3/4"	1166		
13/16"	1167A		
7/8"	1167		
Kit Bag	C110		
5/16"	1168		
1"	1170		
1-1/16"	1171		
1-1/8"	1172		
1-1/4"	1173		
Kit Bag	C55		
CHISEL & PUNCH			
3/16" Pin	P6		
3/16" Center	P40		
1/2" Cold	C16		
1/4" Pin	P8		
1/4" Center	P42		
3/4" Cold	C24		
1/16" Pin	P2		
1/4" Taper	P27		
HEX KEY WRENCH SET			
13 pcs. Short Arm Series	13S		
FLARE NUT WRENCHES			
3/8"	4112		
7/16"	4114		
1/2"	4116		
9/16"	4118		
C-CLAMPS			
0 - 3"	CC403		
0 - 6-1/16"	CC406		
HAMMERS			
12 oz	104G		
1.50 lb	HSB15		
1.25 lb	HPD1		
SCREWDRIVERS & PLIERS			
8" Combo	P208		
6" Diagonal	P206		
6-1/2" Chain Nose	P506		
10" Groove	P510		
4" Square Blade	SDS4		
6" Square Blade	SDS6		
10" Square Blade	SDS10		
3" Phillips No. 1	SDP3		
4" Phillips No. 2	SDP4		
6" Phillips No. 3	SDP6		
1-1/2" Stubby No. 2	SDP1		
ADJUSTABLE & PIPE WRENCHES			
6"	A6		
10"	A10		
10"	PW10		

M100KM

3/8" DRIVE SOCKET SET		1/2" DRIVE SOCKET SET	
8 mm	BM1208	10 mm	STM1210
9 mm	BM1209	11 mm	STM1211
10 mm	BM1210	12 mm	STM1212
11 mm	BM1211	13 mm	STM1213
12 mm	BM1212	14 mm	STM1215
13 mm	BM1213	17 mm	STM1217
14 mm	BM1214	19 mm	STM1219
15 mm	BM1215	22 mm	STM1222
16 mm	BM1216	23 mm	STM1223
17mm	BM1217	24 mm	STM1224
18 mm	BM1218	25 mm	STM1225
19 mm	BM1219	26 mm	STM1226
Adaptor	BS130	27 mm	STM1227
3" Ext.	B103	30 mm	STM1230
5" Ext.	B105	32 mm	STM1232
Flex Handle	B40A	5" Ext.	S110P
Universal Joint	B140A	10" Ext.	S115P
7" Rev. Ratchet	B52	Flex Handle	SF41
		Rev. Ratchet	SF51
COMBINATION WRENCHES			
7 mm	1107MM		
8 mm	1108MM		
9 mm	1109MM		
10 mm	1110MM		
11 mm	1111MM		
12 mm	1112MM		
13 mm	1113MM		
14 mm	1114MM		
15 mm	1115MM		
16 mm	1116MM		
17 mm	1117MM		
Kit Bag	C110		
24 mm	1124MM		
26 mm	1126MM		
28 mm	1128MM		
29 mm	1129MM		
30 mm	1130MM		
Kit Bag	C55		
CHISEL & PUNCH			
3/16" Pin	P6		
3/16" Center	P40		
1/2" Cold	C16		
1/4" Pin	P8		
1/4" Center	P42		
3/4" Cold	C24		
1/16" Pin	P2		
1/4" Taper	P27		
HEX KEY WRENCH SET			
13 pcs. Short Arm Series	13S		
FLARE NUT WRENCHES			
3/8"	4112		
7/16"	4114		
1/2"	4116		
9/16"	4118		
C-CLAMPS			
0 - 3"	CC403		
0 - 6-1/16"	CC406		
HAMMERS			
12 oz	104G		
1.50 lb	HSB15		
1.25 lb	HPD1		
SCREWDRIVERS & PLIERS			
8" Combo	P208		
6" Diagonal	P206		
6-1/2" Chain Nose	P506		
10" Groove	P510		
4" Square Blade	SDS4		
6" Square Blade	SDS6		
10" Square Blade	SDS10		
3" Phillips No. 1	SDP3		
4" Phillips No. 2	SDP4		
6" Phillips No. 3	SDP6		
1-1/2" Stubby No. 2	SDP1		
ADJUSTABLE & PIPE WRENCHES			
6"	A6		
10"	A10		
10"	PW10		

Combination Wrenches

BD1		QTY.
1158	1/4 Combination Wrench	1
1159	5/16 Combination Wrench	1
1159A	11/32 Combination Wrench	1
1160	3/8 Combination Wrench	1
1161	7/16 Combination Wrench	1
1162	1/2 Combination Wrench	1
1163	9/16 Combination Wrench	1
1164	5/8 Combination Wrench	1
1165	11/16 Combination Wrench	1
1166	3/4 Combination Wrench	1
1167A	13/16 Combination Wrench	1
1167	7/8 Combination Wrench	1
1168	15/16 Combination Wrench	1
1170	1 Combination Wrench	1
1171	1-1/16 Combination Wrench	1
1172	1-1/8 Combination Wrench	1
1173	1-1/4 Combination Wrench	1
1174	1-5/16 Combination Wrench	1
1175	1-3/8 Combination Wrench	1
1176	1-7/16 Combination Wrench	1



Combination Wrenches - Metric

BD2		QTY.
1106MM	6 MM Combination Wrench	1
1107MM	7 MM Combination Wrench	1
1108MM	8 MM Combination Wrench	1
1109MM	9 MM Combination Wrench	1
1110MM	10 MM Combination Wrench	1
1111MM	11 MM Combination Wrench	1
1112MM	12 MM Combination Wrench	1
1113MM	13 MM Combination Wrench	1
1114MM	14 MM Combination Wrench	1
1115MM	15 MM Combination Wrench	1
1116MM	16 MM Combination Wrench	1
1117MM	17 MM Combination Wrench	1
1118MM	18 MM Combination Wrench	1
1119MM	19 MM Combination Wrench	1
1120MM	20 MM Combination Wrench	1
1121MM	21 MM Combination Wrench	1
1122MM	22 MM Combination Wrench	1
1123MM	23 MM Combination Wrench	1
1124MM	24 MM Combination Wrench	1
1125MM	25 MM Combination Wrench	1
1126MM	26 MM Combination Wrench	1
1127MM	27 MM Combination Wrench	1
1128MM	28 MM Combination Wrench	1
1129MM	29 MM Combination Wrench	1
1130MM	30 MM Combination Wrench	1
1132MM	32 MM Combination Wrench	1
1134MM	34 MM Combination Wrench	1

