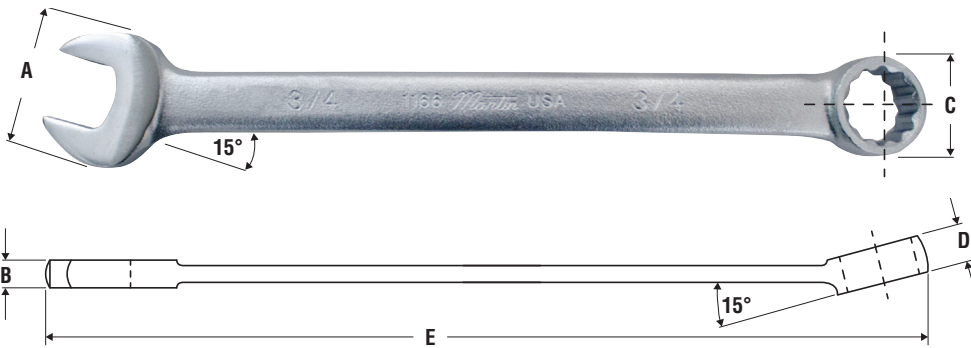


Combination Wrenches

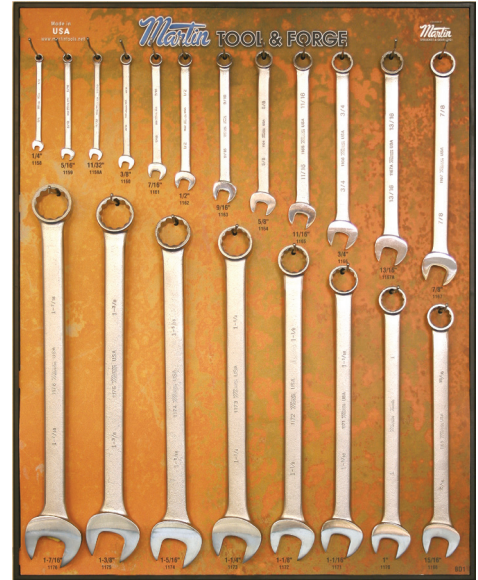


American Alloy Steel
Drop Forged
Long Pattern
15° Angle & 12 Point Box
Versatile, General Purpose
Wrench in a Complete Range
of Openings, 1/4" through 3 1/2"
Chrome and
Industrial Black Finish

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		
	A	B	C	D	E					
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

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

