RATCHETING WRENCHES.

The Blackhawk[™] by Proto[®] line of ratcheting wrenches features a variety of sizes, lengths and head configurations to meet most job requirements. Blackhawk[™] by Proto[®] ratcheting wrenches help increase productivity by combining the convenient light weight and thin profile of a combination wrench with the ease of use of a ratchet and socket.







7 PIECE HIGH ACCESS RATCHETING WRENCH SET

• Weight: 3.00 lbs.

Item No.	Contents	Size
BW-1250	BW-1210	3/8"
	BW-1212	7/16"
	BW-1214	1/2"
	BW-1216	9/16"
	BW-1218	5/8"
	BW-1220	11/16"
	BW-1222	3/4"



7 PIECE HIGH ACCESS RATCHETING WRENCH SET - METRIC

• Weight: 3.00 lbs.

Item No.	Contents	Size
BW-1251	BW-1260	10 mm
	BW-1261	12 mm
	BW-1262	13 mm
	BW-1263	14 mm
	BW-1264	15 mm
	BW-1265	16 mm
	BW-1267	18 mm

HIGH ACCESS RATCHETING WRENCH

Item No.	Size	Length	Weight
BW-1210	3/8"	5.0"	0.12 lbs.
BW-1212	7/16"	5.6"	0.17 lbs.
BW-1214	1/2"	6.4"	0.21 lbs.
BW-1216	9/16"	7.0"	0.31 lbs.
BW-1218	5/8"	7.9"	0.36 lbs.
BW-1220	11/16"	8.7"	0.46 lbs.
BW-1222	3/4"	9.7"	0.57 lbs.





HIGH ACCESS RATCHETING WRENCH - METRIC

Item No.	Size	Length	Weight
BW-1258	8 mm	4.0"	0.09 lbs
BW-1259	9 mm	4.5"	0.09 lbs
BW-1260	10 mm	5.0"	0.13 lbs
BW-12605	11 mm	5.7"	0.17 lbs
BW-1261	12 mm	6.0"	0.19 lbs
BW-1262	13 mm	6.4"	0.21 lbs
BW-1263	14 mm	7.1"	0.30 lbs
BW-1264	15 mm	7.5"	0.33 lbs
BW-1265	16 mm	7.8"	0.37 lbs
BW-1266	17 mm	8.9"	0.46 lbs
BW-1267	18 mm	9.2"	0.49 lbs
BW-1268	19 mm	9.75"	0.55 lbs.

REVERSIBLE RATCHETING WRENCH _

Ratcheting box end. Thin head / slim shank as well as a short arc swing. Fine-toothed gears for smooth ratcheting. Ratcheting wrench-head angled for easy knuckle clearance. One-finger reverse lever for quick-change ratcheting direction. Same-sized open-end. Full-polish.

12 PIECE REVERSIBLE RATCHETING WRENCH SET – METRIC

• Weight: 4.19 lbs.

Item No.	Contents	Size	Contents	Size
BW-1450	BW-1458	8 mm	BW-1464	14 mm
	BW-1459	9 mm	BW-1465	15 mm
	BW-1460	10 mm	BW-1466	16 mm
	BW-1461	11 mm	BW-1467	17 mm
	BW-1462	12 mm	BW-1468	18 mm
	BW-1463	13 mm	BW-1469	19 mm



8 PIECE REVERSIBLE RATCHETING WRENCH SET

• Weight: 2.44 lbs.

ltem No.	Contents	Size
BW-1400	BW-1410	5/16"
	BW-1412	3/8"
	BW-1414	7/16"
	BW-1416	1/2"
	BW-1418	9/16"
	BW-1420	5/8"
	BW-1422	11/16"
	BW-1424	3/4"



8 PIECE REVERSIBLE RATCHETING WRENCH SET – METRIC

• Weight: 2.44 lbs.

Item No.	Contents	Size
BW-1408	BW-1458	8 mm
	BW-1460	10 mm
	BW-1462	12 mm
	BW-1463	13 mm
	BW-1464	14 mm
	BW-1465	15 mm
	BW-1467	17 mm
	BW-1468	18 mm



REVERSE RATCHETING BOX WRENCH

Item No.	Size	Length	Weight
BW-1403	7/32"	5.0"	0.13 lbs.
BW-1405	1/4"	5.0"	0.13 lbs.
BW-1410	5/16"	5.0"	0.13 lbs.
BW-1412	3/8"	5.25"	0.15 lbs.
BW-1414	7/16"	5.5"	0.16 lbs.
BW-1416	1/2"	5.75"	0.17 lbs.
BW-1418	9/16"	6.0"	0.19 lbs.
BW-1420	5/8"	6.25"	0.20 lbs.
BW-1422	11/16"	6.5"	0.22 lbs.
BW-1424	3/4"	6.75"	0.26 lbs.









REVERSE RATCHETING BOX WRENCH – METRIC

Item No.	Size	Length	Weight
BW-1458	8 mm	5.50"	0.16 lbs.
BW-1459	9 mm	5.875"	0.18 lbs.
BW-1460	10 mm	6.25"	0.20 lbs.
BW-1461	11 mm	6.50"	0.22 lbs.
BW-1462	12 mm	6.75"	0.26 lbs.
BW-1463	13 mm	7.0"	0.30 lbs.
BW-1464	14 mm	7.50"	0.33 lbs.
BW-1465	15 mm	8.0"	0.43 lbs.
BW-1466	16 mm	8.25"	0.47 lbs.
BW-1467	17 mm	8.75"	0.49 lbs.
BW-1468	18 mm	9.375"	0.51 lbs.
BW-1469	19 mm	9.75"	0.55 lbs.

7 PIECE JUMBO REVERSIBLE WRENCH SET

• Weight: 11.98 lbs.

Item No.	Contents	Size	Contents	Size
BW-1401	BW-1426	13/16"	BW-1434	1-1/16"
	BW-1428	7/8"	BW-1436	1-1/8"
	BW-1430	15/16"	BW-1438	1-1/4"
	BW-1432	1"		

7 PIECE JUMBO REVERSIBLE WRENCH SET – METRIC

• Weight: 10.43 lbs.

Item No.	Contents	Size	Contents	Size
BW-1451	BW-1471	21 mm	BW-1480	30 mm
	BW-1472	22 mm	BW-1482	32 mm
	BW-1474	24 mm	BW-1484	34 mm
	BW-1477	27 mm		

JUMBO REVERSIBLE WRENCH

Item No.	Size	Length	Weight
BW-1426	13/16"	11.4"	0.70 lbs.
BW-1428	7/8"	11.4"	0.83 lbs.
BW-1430	15/16"	12.7"	0.95 lbs.
BW-1432	1"	12.7"	1.15 lbs.
BW-1434	1-1/16"	14.1"	1.43 lbs.
BW-1436	1-1/8"	15.9"	1.68 lbs.
BW-1438	1-1/4"	16.7"	2.22 lbs.

JUMBO REVERSIBLE WRENCH - METRIC

Item No.	Size	Length	Weight	
BW-1471	21 mm	11.4"	0.70 lbs.	
BW-1472	22 mm	11.4"	0.83 lbs.	
BW-1474	24 mm	12.7"	0.95 lbs.	
BW-1477	27 mm	14.1"	1.43 lbs.	
BW-1480	30 mm	15.9"	1.95 lbs.	
BW-1482	32 mm	16.7"	2.22 lbs.	
BW-1484	34 mm	18.1"	2.48 lbs.	

STUBBY REVERSIBLE RATCHETING WRENCH _

Ratcheting box end. Thin head / slim, short 'stubby' shank as well as a short arc swing. Fine-toothed gears for smooth ratcheting. Ratcheting wrench-head angled for easy knuckle clearance. One-finger reverse lever for quick-change ratcheting direction. Same-sized open-end. Full-polish. Sets come in sturdy metal storage cases with molded wrench inserts and parts storage trays.

9 PIECE STUBBY REVERSIBLE RATCHETING WRENCH SET

• Weight: 2.20 lbs.

Item No.	Contents	Size	Contents	Size
BW-2250R	BW-2206R	1/4"	BW-2216R	9/16"
	BW-2208R	5/16"	BW-2218R	5/8"
	BW-2210R	3/8"	BW-2220R	11/16"
	BW-2212R	7/16"	BW-2222R	3/4"
	BW-2214R	1/2"		



13 PIECE STUBBY REVERSIBLE RATCHETING WRENCH SET – METRIC

• Weight: 3.43 lbs.

Item No.	Contents	Size	Contents	Size
BW-2251R	BW-2276R	6 mm	BW-2264R	14 mm
	BW-2278R	8 mm	BW-2265R	15 mm
	BW-2279R	9 mm	BW-2266R	16 mm
	BW-2260R	10 mm	BW-2267R	17 mm
	BW-2261R	11 mm	BW-2268R	18 mm
	BW-2262R	12 mm	BW-2269R	19 mm
	BW-2263R	13 mm		



STUBBY REVERSIBLE RATCHETING WRENCH

Item No.	Size	Length	Weight
BW-2206R	1/4"	3.1"	0.06 lbs.
BW-2208R	5/16"	3.5"	0.08 lbs.
BW-2210R	3/8"	3.8"	0.11 lbs.
BW-2212R	7/16"	4.0"	0.12 lbs.
BW-2214R	1/2"	4.4"	0.16 lbs.
BW-2216R	9/16"	4.5"	0.18 lbs.
BW-2218R	5/8"	4.8"	0.24 lbs.
BW-2220R	11/16"	5.0"	0.27 lbs.
BW-2222R	3/4"	5.3"	0.36 lbs.



STUBBY REVERSIBLE RATCHETING WRENCH - METRIC

Item No.	Size	Length	Weight
BW-2276R	6 mm	3.1"	0.06 lbs.
BW-2278R	8 mm	3.5"	0.08 lbs.
BW-2279R	9 mm	3.7"	0.09 lbs.
BW-2260R	10 mm	3.8"	0.10 lbs.
BW-2261R	11 mm	4.1"	0.14 lbs.
BW-2262R	12 mm	4.3"	0.15 lbs.
BW-2263R	13 mm	4.4"	0.18 lbs.
BW-2264R	14 mm	4.5"	0.21 lbs.
BW-2265R	15 mm	4.8"	0.24 lbs.
BW-2266R	16 mm	5.1"	0.33 lbs.
BW-2267R	17 mm	5.0"	0.38 lbs.
BW-2268R	18 mm	5.2"	0.41 lbs.
BW-2269R	19 mm	5.5"	0.47 lbs.





LOCKING FLEX-HEAD RATCHETING WRENCH _

Adjustable ratcheting flex-head box end with locking gradations allows for locking the ratcheting head at the desired angle in tight spaces. Thumb pressure, push-button release locking mechanism. Thin head / slim shank as well as a short arc swing. Fine-toothed gears for smooth ratcheting. Same-sized open-end. Full-polish. Sets come in sturdy metal storage cases with molded wrench inserts and parts storage trays.









8 PIECE LOCKING FLEX-HEAD RATCHETING WRENCH SET

• Weight: 4.35 lbs.

Item No.	Contents	Size	Contents	Size
BW-3251L	BW-3209L	5/16"	BW-3216L	9/16"
	BW-3210L	3/8"	BW-3218L	5/8"
	BW-3212L	7/16"	BW-3220L	11/16"
	BW-3214L	1/2"	BW-3222L	3/4"

12 PIECE LOCKING FLEX RATCHETING BOX WRENCH SET – METRIC

• Weight: 5.34 lbs.

Item No.	Contents	Size	Contents	Size
BW-3250L	BW-3258L	8 mm	BW-3263L	14 mm
	BW-3259L	9 mm	BW-3264L	15 mm
	BW-3260L	10 mm	BW-3265L	16 mm
	BW-3260AL	11 mm	BW-3266L	17 mm
	BW-3261L	12 mm	BW-3267L	18 mm
	BW-3262L	13 mm	BW-3268L	19 mm

LOCKING FLEX-HEAD RATCHETING WRENCHES

Item No.	Size	Length	Weight
BW-3209L	5/16"	5.0"	0.16 lbs.
BW-3210L	3/8"	5.4"	0.17 lbs.
BW-3212L	7/16"	5.6"	0.19 lbs.
BW-3214L	1/2"	6.1"	0.20 lbs.
BW-3216L	9/16"	6.3"	0.29 lbs.
BW-3218L	5/8"	7.0"	0.33 lbs.
BW-3220L	11/16"	7.5"	0.46 lbs.
BW-3222L	3/4"	8.5"	0.57 lbs.

LOCKING FLEX-HEAD RATCHETING WRENCHES – METRIC

Item No.	Size	Length	Weight
BW-3258L	8 mm	5.0"	0.13 lbs.
BW-3259L	9 mm	5.2"	0.16 lbs.
BW-3260L	10 mm	5.4"	0.16 lbs.
BW-3260AL	11 mm	5.6"	0.17 lbs.
BW-3261L	12 mm	5.8"	0.19 lbs.
BW-3262L	13 mm	6.1"	0.19 lbs.
BW-3263L	14 mm	6.3"	0.21 lbs.
BW-3264L	15 mm	6.7"	0.25 lbs.
BW-3265L	16 mm	7.0"	0.30 lbs.
BW-3266L	17 mm	7.3"	0.33 lbs.
BW-3267L	18 mm	8.0"	0.36 lbs.
BW-3268L	19 mm	8.5"	0.45 lbs.

REVERSIBLE RATCHETING DOUBLE BOX WRENCH _

Twin ratcheting box ends. Thin head / slim shank as well as a short arc swing. Fine-toothed gears for smooth ratcheting. Ratcheting wrench-head angled for easy knuckle clearance on both ends. One-finger reverse lever for quick-change ratcheting direction. Full-polish. Sets come in sturdy metal storage case with molded wrench inserts and parts storage trays.

4 PIECE REVERSIBLE DOUBLE BOX WRENCH SET

• Weight: 3.49 lbs.

Item No.	Contents	Size
BW-3330R	BW-0516R	5/16" X 3/8"
	BW-0716R	7/16" X 1/2"
	BW-0916R	9/16" X 5/8"
	BW-1116R	11/16" X 3/4"



6 PIECE REVERSIBLE DOUBLE BOX WRENCH SET – *METRIC*

• Weight: 4.02 lbs.

Item No.	Contents	Size
BW-3332R	BW-0809R	8 X 9 mm
	BW-1011R	10 X 11 mm
	BW-1213R	12 X 13 mm
	BW-1415R	14 X 15 mm
	BW-1618R	16 X 18 mm
	BW-1719R	17 X 19 mm



REVERSIBLE DOUBLE BOX WRENCH

Item No.	Size	Length	Weight
BW-0516R	5/16" X 3/8"	5.0"	0.12 lbs.
BW-0716R	7/16" X 1/2"	6.7"	0.26 lbs.
BW-0916R	9/16" X 5/8"	7.5"	0.33 lbs.
BW-1116R	11/16" X 3/4"	9.1"	0.49 lbs.



REVERSIBLE DOUBLE BOX WRENCH – METRIC

Item No.	Size	Length	Weight
BW-0809R	8 X 9 mm	5.0"	0.12 lbs.
BW-1011R	10 X 11 mm	5.9"	0.19 lbs
BW-1213R	12 X 13 mm	6.7"	0.26 lbs.
BW-1415R	14 X 15 mm	7.5"	0.33 lbs.
BW-1618R	16 X 18 mm	8.3"	0.40 lbs.
BW-1719R	17 X 19 mm	9.1"	0.49 lbs.



RATCHET AND SOCKET SET __

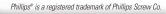
Short arc swing with fine-toothed gears for smooth ratcheting. Slim head profile design coupled with a tight gearing system to use in small space. Quick-disk on drive head for easy fastener removal.



8 PIECE RATCHET AND SOCKET SET

• Weight: 0.26 lbs.

Item No.	Contents	Size	Length
BW-0308RBS	Ratcheting Box End Handle	1/4" & 5/16"	5"
	Phillips®	#1	1/4" Shank
	Phillips®	#2	1/4" Shank
	Phillips®	#3	1/4" Shank
	Slotted	5/32"	1/4" Shank
	Slotted	3/16"	1/4" Shank
	Slotted	7/32"	1/4" Shank





QUICKRATCHET™ TOOL SETS

Convenient lightweight, compact tool set to work on multiple types and sizes of fasteners. Flexible handle, slim heads and short sweep ratcheting wrench heads all help make it easy to work in tight spaces where conventional drive tools can't reach. Precise positioning head rotates through 180 degrees with 15 locking positions every 12 degrees. Change wrench sizes by easily changing wrench heads. Sets are forged from high-quality chrome vanadium steel and have a high-polish chrome finish and a bi-material cushion-grip handle. Carry lightweight heads instead of heavier complete wrench set.

BWD-1324CS QUICKRATCHET™ 24 PC SET

• Weight: 3.81 lbs.

Item No.	Contents	Description
BWD-1324CS	BWD-1300G	QuickRatchet™ Handle - Fixed Grip
	BWD-1312	QuickRatchet™ 12 Pt. Box - 3/8"
	BWD-1314	QuickRatchet™ 12 Pt. Box - 7/16"
	BWD-1316	QuickRatchet™ 12 Pt. Box - 1/2"
	BWD-1318	QuickRatchet™ 12 Pt. Box - 9/16"
	BWD-1320	QuickRatchet™ 12 Pt. Box - 5/8"
	BWD-1324	QuickRatchet™ 12 Pt. Box - 3/4"
	BWD-1308RH	QuickRatchet™ Adapter - 1/4"
	BWD-1312RH	QuickRatchet™ Adapter - 3/8"
	BWD-1308M	QuickRatchet™ 12 Pt. Box - 8 mm
	BWD-1310M	QuickRatchet™ 12 Pt. Box - 10 mm
	BWD-1312M	QuickRatchet™ 12 Pt. Box - 12 mm
	BWD-1313M	QuickRatchet™ 12 Pt. Box - 13 mm
	BWD-1315M	QuickRatchet™ 12 Pt. Box - 15 mm
	BWD-1317M	QuickRatchet™ 12 Pt. Box - 17 mm
	BWD-1318M	QuickRatchet™ 12 Pt. Box - 18 mm
	BWD-1300A	QuickRatchet™ Bit Adapter
	BWD-1300B	QuickRatchet™ Screw Bits
	BWD-1300S	1/4" Drive Bit Driver
	Blowmold Case	



BWD-1318MS QUICKRATCHET™ 18 PC MM SET

• Weight: 3.30 lbs.

Item No.	Contents	Description
BWD-1318MS	BWD-1300G	QuickRatchet™ Handle - Fixed Grip
	BWD-1308RH	QuickRatchet™ Adapter - 1/4"
	BWD-1312RH	QuickRatchet™ Adapter - 3/8"
	BWD-1308M	QuickRatchet™ 12 Pt. Box - 8 mm
	BWD-1310M	QuickRatchet™ 12 Pt. Box - 10 mm
	BWD-1312M	QuickRatchet™ 12 Pt. Box - 12 mm
	BWD-1313M	QuickRatchet™ 12 Pt. Box - 13 mm
	BWD-1315M	QuickRatchet™ 12 Pt. Box - 15 mm
	BWD-1317M	QuickRatchet™ 12 Pt. Box - 17 mm
	BWD-1318M	QuickRatchet™ 12 Pt. Box - 18 mm
	BWD-1300A	QuickRatchet™ Bit Adapter
	BWD-1300B	QuickRatchet™ Screw Bits
	BWD-1300S	1/4" Drive Bit Driver
	Blowmold Case (Inc	ludes Space for SAE Wrench Heads Sold Seperatley)





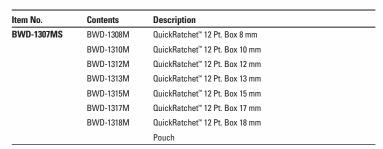
BWD-1317S QUICKRATCHET™ 17 PC SAE SET

• Weight: 3.13 lbs.

Item No.	Contents	Description
BWD-1317S	BWD-1300G	QuickRatchet™ Handle - Fixed Grip
	BWD-1312	QuickRatchet™ 12 Pt. Box - 3/8"
	BWD-1314	QuickRatchet™ 12 Pt. Box - 7/16"
	BWD-1316	QuickRatchet™ 12 Pt. Box - 1/2"
	BWD-1318	QuickRatchet™ 12 Pt. Box - 9/16"
	BWD-1320	QuickRatchet™ 12 Pt. Box - 5/8"
	BWD-1324	QuickRatchet™ 12 Pt. Box - 3/4"
	BWD-1308RH	QuickRatchet™ Adapter - 1/4"
	BWD-1312RH	QuickRatchet™ Adapter - 3/8"
	BWD-1300A	QuickRatchet™ Bit Adapter
	BWD-1300B	QuickRatchet™ Screw Bits
	BWD-1300S	1/4" Drive Bit Driver
	Blowmold Case (Inc	ludes Space for Metric Wrench Heads Sold Seperatley)

QUICKRATCHET HEADS 7 PC MM SET

• Weight: 0.83 lbs





QUICKRATCHET HEADS 6 PC SAE SET

• Weight: 0.80 lbs.

Item No.	Contents	Description
BWD-1306MS	BWD-1312	QuickRatchet™ 12 Pt. Box - 3/8"
	BWD-1314	QuickRatchet™ 12 Pt. Box - 7/16"
	BWD-1316	QuickRatchet™ 12 Pt. Box - 1/2"
	BWD-1318	QuickRatchet™ 12 Pt. Box - 9/16"
	BWD-1320	QuickRatchet™ 12 Pt. Box - 5/8"
	BWD-1324	QuickRatchet™ 12 Pt. Box - 3/4"
		Pouch

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