

## Adjustable Wrenches .....Page No. 41

- Adjustable Wrenches Chrome and Black .....
- Stillson and Pipe Wrenches .....
- Gland Nut Wrenches .....
- Adjustable Hook and C Wrenches .....
- Adjustable Strap Wrenches .....
- Adjustable Chain Wrenches .....
- Adjustable One Hand Wrenches .....

## Combination Wrenches .....Page No. 41

- Pro Series Combination Ring & Open End Wrenches .....
- Euro Series Combination Ring & Open End Wrenches .....
- Long Series Combination Ring and Open End Wrenches .....
- Minni Combination Wrenches .....
- Gear Wrench Combination Ring & Open End Wrenches.....

## Double End Ring Wrenches .....Page No. 41

- Double End Ring Spanners .....
- Double End High Performance Ring Wrenches .....
- Double End Manifold Half Moon Wrenches .....
- Double End Torx Ring Wrenches .....
- Double End Ignition Ring Wrenches .....
- Double End Ratchet Ring Wrenches .....
- Gear Wrench Double End Ring Wrenches .....
- Ratcheting Tube Wrenches .....

## Double End Open End Wrenches .....Page No. 41

- Double End Open End Spanners .....
- Ignition Open End Wrenches .....
- Double End Angle Wrenches .....

## Industrial Construction Wrenches .....Page No. 41

- Double Sided Podger Ratchet Wrenches .....
- Offset Ring Podger Wrenches .....
- Offset Open End Podger Wrenches .....
- Slogging Wrenches Flat Ring Type .....
- Slogging Wrenches Flat Open End Type .....
- Single Flat Ring Wrenches .....
- Single Flat Open End Wrenches .....

### Industrial Phosphate Finish Adjustable Wrenches

New phosphate finish improves the rust resistance over black oxide finishes, resulting in a hard and good abrasion finished surface. Features clear precision opening scale in metric graduations. Specifications: Drop forged, heavy-duty rack and worm adjustment, 22.5 degree angle head. Material Aisi-6140 Alloy steel. Hardness 50 HRC US. Federal Specification: GGG-W-631B, ANSI, DIN 3117(GS Approved No. 77/94)

#### Feature Precision Scale Opening with Metric Graduations

Part No.	Length	Max. Opening	Opening mm	Weight
10004	4"(100mm)	1/2"	13mm	55g
10006	6"(150mm)	3/4"	19mm	125g
10008	8"(200mm)	15/16"	24mm	255g
10010	10"(250mm)	1.1/8"	29mm	420g
10012	12"(300mm)	1.5/16"	34mm	660g
10015	15"(380mm)	1.3/4"	43mm	1210g
10018	18"(450mm)	2.1/16"	53mm	2020g
10024	24"(600mm)	2.7/16"	62mm	3450g

**#10018 (18") & #10024(24") are the same pattern as above but are not illustrated due to size.**

### Super-Satin Aero Finish Adjustable Wrenches

Super-Satin is a special patented no shine and perfectly all smooth surface developed for the aeronautical service industry. Features clear precision opening scale in metric graduations. Specifications: Drop forged, heavy-duty rack and worm adjustment, 22.5 degree angle head. Material Aisi-6140 Alloy steel. Hardness 50 HRC US Federal Specification: GGG-W-631B, ANSI, DIN 3117(GS Approved No. 77/94)

#### Feature Precision Scale Opening with Metric Graduations

Part No.	Length "	Max. Opening	Opening mm	Weight
10204	4"(100mm)	1/2"	13mm	55g
10206	6"(150mm)	3/4"	19mm	125g
10208	8"(200mm)	15/16"	24mm	255g
10210	10"(250mm)	1.1/8"	29mm	420g
10212	12"(300mm)	1.5/16"	34mm	660g
10215	15"(380mm)	1.3/4"	43mm	1210g
10218	18"(450mm)	2.1/16"	53mm	2020g
10224	24"(600mm)	2.7/16"	62mm	3450g

### Specialty Adjustable Wrenches

#### 10808 "8" Super Thin Adjustable wrench

Super thin head allows use in limited and narrow spaces. Extra wide jaw opening up to 38mm. Features deep throat where jaw high is 30% higher than normal.

**Capacity:** 1.1/2"(38mm) **Length:** 8"(200mm)

#### 10312 12"Adjustable Hammer Wrench

**Features precision scale opening in metric graduations**  
Heavy-duty 12"adjustable wrench with special anvil built-in to the head enables the wrench to be used as a hammer. Industrial phosphate finish.

**Capacity:** 1.1/2"(38mm)

**Length:** 12"(300mm)

#### 32490 15" Adjustable Construction Wrench

Head is 15° offset. Tang is wedged into the mating holes. Flat area between tang and head allows the tool to be hung from a belt without turning in the holder.

**Capacity:** 1.1/2"(38mm)

**Length:** 15"(380mm)



## Tiger Paw Adjustable Wrenches

### • Get A Grip On Fastener Damage

State of the art in Adjustable Wrench design, features flank-drive, non slip jaw design, 18% wider jaw openings, lightweight geometric body, superior heat treatment and ergonomically designed comfort grip safety yellow handle.

Part No.	Length	Max. Opening	Opening mm	Weight
TP1006	6"(150mm)	1"	25mm	120g
TP1008	8"(200mm)	1/16"	27mm	242g
TP1010	10"(250mm)	1.5/16"	33mm	390g
TP1012	12"(300mm)	1.9/16"	39mm	620g

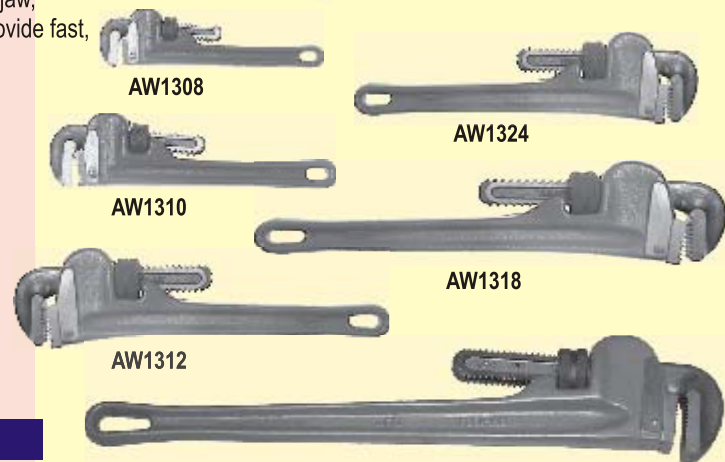
Non-Slip Nut  
Protection  
Jaws



## Heavy-Duty Pipe Wrenches (All Steel Construction)

Feature forged steel jaws to provide maximum strength. Full floating hook jaw, provides instant grip with easy release. Large knurl and power threads provide fast, positive jaw adjustment. US Federal Spec.: GGG-W-00651D

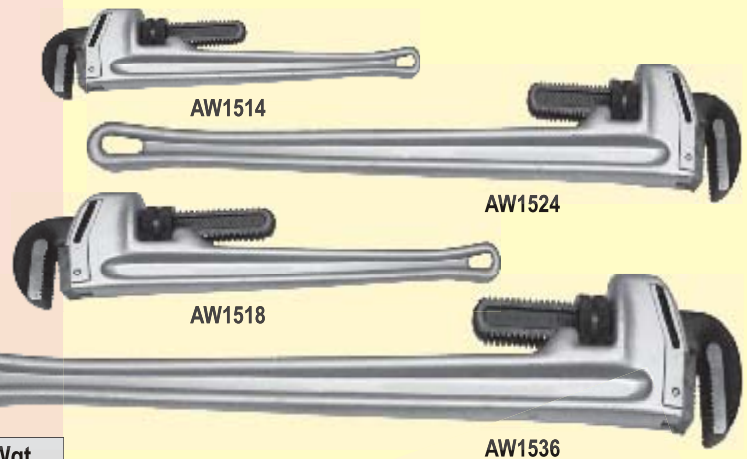
Part No.	Length "	Max Opening	Opening mm	Weight
AW1308	8"(200mm)	1"	25mm	400g
AW1310	10"(250mm)	1.1/2"	38mm	780g
AW1312	12"(300mm)	2"	50mm	1250g
AW1314	14"(355mm)	2"	50mm	1680g
AW1318	18"(450mm)	2.1/2"	65mm	2700g
AW1324	24"(600mm)	3"	75mm	4350g
AW1336	36"(900mm)	5"	125mm	8000g
AW1348	48"(1200mm)	6"	150mm	15kg



## Heavy-Duty Pipe Wrenches (Forged Aluminium Body)

Lightweight drop forged aluminium bodied industrial pipe wrenches feature forged steel jaws to provide maximum strength. Full floating hook jaw, provides instant grip with easy release. Large knurl and power threads provide fast, positive jaw adjustment.

Part No.	Length "	Max. Opening	Opening mm	Weight
AW1514	14"(355mm)	2"	50mm	1020g
AW1518	18"(450mm)	2.1/2"	65mm	1600g
AW1524	24"(600mm)	3"	75mm	2500g
AW1536	36"(900mm)	5"	125mm	4700g



## Giant Adjustable Wrenches

These two wrenches handle forty two nut and bolt sizes from 1.3/8" to 4.3/4". Both wrenches weigh just 42lbs., (19kg.), but can replace over 1,000lbs of fixed-size wrenches. #2-7460 is rated to withstand 2,000 ft/lbs of torque. #2-7641 is rated to withstand 5,000 ft/lbs of torque.

Part No.	Capacity	Incr.	Length	Wgt..
2-7640	1.3/8" - 2.7/8" (35 -73mm)	1/8"	24"(610mm)	5kg
2-7641	2.3/4" - 4.3/4" (70 -120mm)	1/8"	36"(915mm)	14kg
2-7642 *	1.7/16" - 2.5/16" (36 - 59mm)	1/16"	Jaw Only	900g



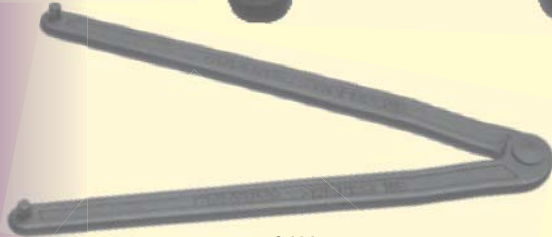
\*2-7642 Is extra jaw for 2-7640  
(Not included with 2-7640)





J7463

J1266



C482



**Features sliding adjustable jaw**

2-7246



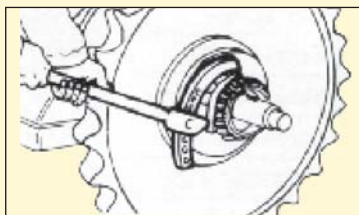
2-885



2-7307



2-7308 (2 Jaws)



2-7309

### Gland Nut Wrenches (Face Pin Wrenches)

#### J7463 Gland Nut Wrench 1/2" Drive

Fully adjustable to fit hydraulic cylinders on vehicles and machinery having gland nuts with pin holes located on the face of the gland nut or fitting. Works on both 7/32" & 1/4" (5 or 6mm) pin holes.

**Capacity:** 1" to 3.3/4" (25 to 95mm)

**1/2" Square drive.**

#### J1266 Gland Nut Wrench 3/4" Drive

Heavy-duty wrench designed to fit hydraulic cylinders on most farm and construction equipment having gland nuts with pin holes located on the face of the gland nut or fitting.

Reversible pins to fit 1/4" & 5/16" (6 to 8mm) pin holes.

**Capacity:** 2" to 6" (50 to 150mm)

**3/4" Square drive.**

#### C482 Adjustable Face Pin Wrench

For use on hydraulic gland nuts etc. where pin holes are located on the face of the gland nut or fitting.

**Pin diameter:** 5/32" (4mm)

**Maximum opening:** 8" (200mm)

**Length:** 7" (180mm)

### Adjustable Hook Wrenches

#### 2-7246 Adjustable Pillow Block Bearing Wrench

This tool is ideal for adjusting pillow block bearings. It also works well on International model "M" water pumps and on all International power-takeoff units.

**Capacity:** 1/2" to 2.3/4" (13 to 70mm)

#### 2-885 Adjustable Hook Wrench

Needed where turret adjusting nuts or packing gland nuts are used.

**Capacity:** 1.1/2" to 4" (38 to 100mm)

**Length:** 24" (610mm) Federal Spec.No.GGG-W-665b

**Handle Diameter:** 11/16" (18mm)

#### 2-7307 Adjustable Hook Wrench

Heavy-duty drop forged jaws adjust to eleven positions for servicing industrial tractors and other equipment. Supplied with one jaw 3/8" (9.5mm) thick.

**Capacity:** 4.3/4" to 12.3/4" (120 to 325mm)

**Length:** 24" (610mm) Federal Spec.No.GGG-W-665b

**Handle Diameter:** 1" (25mm)

#### 2-7308 Adjustable Hook Wrench (2 Jaws)

Heavy-duty drop forged jaws adjust to eleven positions for servicing industrial tractors and other equipment. Supplied with two jaws 1 x 3/8" (10mm) thick & 1 x 3/4" (19mm) thick.

**Capacity:** 4.3/4" to 12.3/4" (120 to 325mm)

**Length:** 24" (610mm) Federal Spec.No.GGG-W-665b

**Handle Diameter:** 1" (25mm)

#### 2-7309 Heavy-Duty Adjustable Hook Wrench

Heavy-duty double shear design with drop forged jaws which adjusts to eleven positions for servicing industrial tractors and other heavy equipment.

Supplied with one jaw 3/4" (19mm) thick.

**Capacity:** 4.3/4" to 12.3/4" (120 to 325mm)

**Length:** 25.3/4" (655mm) Federal Spec.No.GGG-W-665b

**Handle Diameter:** 1.5/16" (33mm)



## Adjustable "C" Type Hook Wrenches

These drop forged adjustable "C" wrenches feature a fully adjustable pivoting jaw and are used on castleated nuts on hydraulic equipment and other machinery. Wrenches are fully heat treated and made from high grade alloy steel.

Part No.	Capacity "	Capacity mm	Length
5460	3/4" - 2"	19mm - 50mm	6.1/2" (165mm)
5461	1.3/4" - 3"	45mm - 75mm	8.1/2" (215mm)
5462	2" - 4.3/4"	50mm - 120mm	11" (280mm)
5463	4.1/2" - 6.1/4"	115mm - 160mm	13.1/4"(340mm)

## Adjustable "C" Type Pin Wrenches

Part No.	Pin Size	Capacity mm	Length
5464	4mm	3/4" - 2" (19 - 50mm)	6.1/4" (160mm)
5465	5mm	3/4" - 2" (19 - 50mm)	6.1/4" (160mm)
5466	5mm	1.3/4" - 3" (45 - 75mm)	8.1/4" (205mm)
5467	6mm	1.3/4" - 3" (45 - 75mm)	8.1/4" (205mm)
5468	6mm	2" - 4.3/4" (50 - 120mm)	11.1/4"(285mm)
5469	8mm	2" - 4.3/4" (50 - 120mm)	11.1/4"(285mm)
5470	8mm	4.1/2" - 6.1/4" (115 - 160mm)	13.1/4"(340mm)
5471	10mm	4.1/2" - 6.1/4" (115 - 160mm)	13.1/4"(340mm)

### Replacement Pins for Adjustable "C" Type Pin Wrenches

Part No.	Pin Size	Part No.	Pin Size
5464-18P	1/8" (3.1mm) Pin	5467-P	6mm Replacement Pin
5464-P	4mm Replacement Pin	5468-P	6mm Replacement Pin
5465-P	5mm Replacement Pin	5469-P	8mm Replacement Pin
5466-P	5mm Replacement Pin	5471-P	10mm Replacement Pin

## Ratcheting Chain Wrenches

Head design permits turning in either direction without removing wrench from the work. Ratcheting action also makes it possible to re-grip without removal. Handles all shapes, round, square, hexagon, octagon etc.

### 7408 8" Adjustable Chain Wrench

**Capacity:** 1/2" to 4.1/2"(13 to 115mm)  
**Handle:** 8"(200mm)Long x 3/8"(10mm)Dia.  
**Chain Length:** 15.3/4"(400mm)

### 7400 13"Chain Wrench

**Capacity:** 1/2" to 4.3/4"(13 to 120mm)  
**Length:** 13"(330mm) Forged alloy steel handle.

### 2-7401 19"Heavy-Duty Chain Wrench

**Capacity:** 3" to 6.3/4"(75 to 170mm)  
**Length:** 19"(485mm) Forged alloy steel handle.

### 2-7401-C Replacement Chain for #2-7401

### 5100 1/2"Drive Chain Wrench

**Capacity:** 5/8" to 5"(16 to 125mm)  
**Length:** 3.3/4"(95mm) Forged alloy steel body.

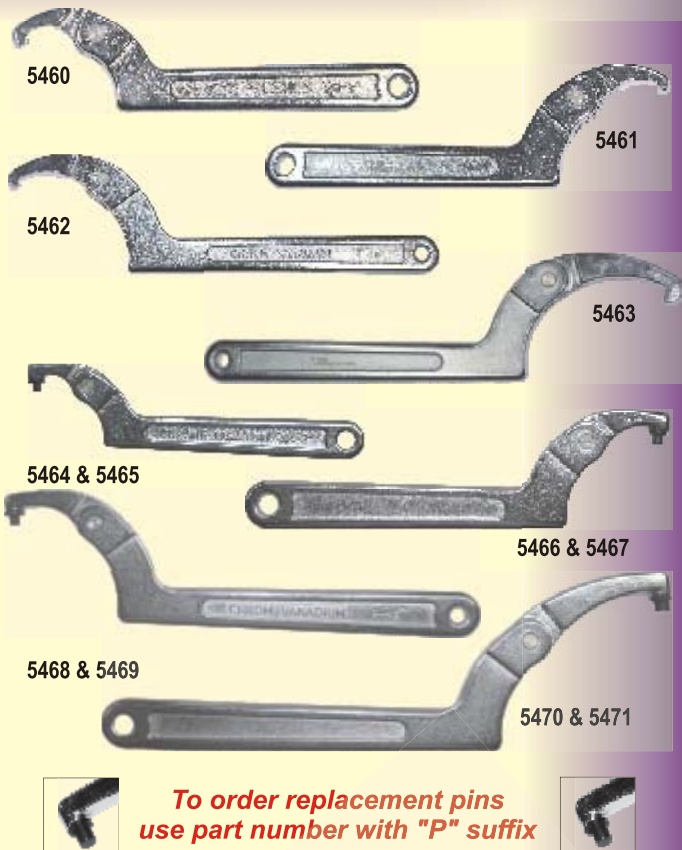
## Adjustable Strap Wrenches

### 5103 Kevlar Heavy-Duty Strap Wrench

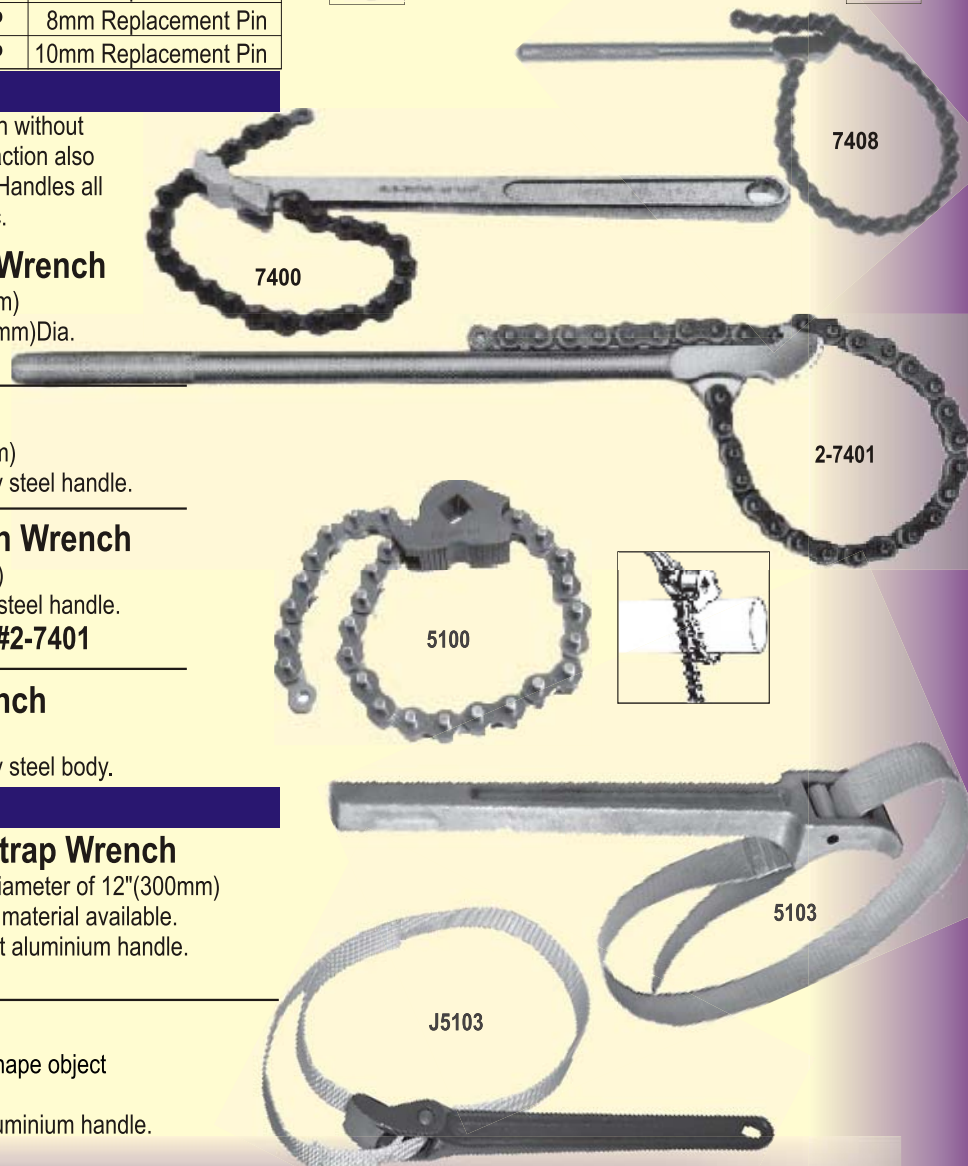
Handles any shape object up to a diameter of 12"(300mm)  
 The Kevlar webbing is the toughest material available.  
**Length:** 15.3/4"(400mm) Lightweight aluminium handle.  
**Strap Length:** 38"(965mm)

### J5103 Strap Wrench

This strap wrench will handle any shape object up to a diameter of 10"(255mm).  
**Length:** 12"(300mm) Lightweight aluminium handle.  
**Strap Length:** 30"(760mm)



**To order replacement pins use part number with "P" suffix**





7522

### Adjustable Strap Wrenches

7522

#### Notched V-Belt Pulley Tool

Keeps the pulley locked in place for easy removal or installation. Ideal for rotating cam shafts when timing engines, for holding pulleys on alternators, water pumps, electric motors and numerous other applications. **Length:** 14.3/8"(365mm) **Strap Length:** 31.1/2"(800mm)



5102

5102

#### 11" Adjustable Strap Wrench

Heavy duty strap wrench with 36"(900mm) x 1"(25mm) wide multi layer reinforced material strap. Handle is made from drop forged alloy steel with a serrated jaw to grip firmly. Head designed to self tighten as force is applied. Will not mark precision surfaces on shafts, pulleys and other components.

**Handle Length:** 11"(280mm)



SW515

SW505

### SW515 Small Python Adjustable Strap Wrench

This reinforced rubber strap wrench is ideal for gripping all shaped objects up to 4"(100mm) diameter. It has a multitude of uses.

**Suits:** Filters, caps, taps, connecting tubes or any irregular shaped item that requires turning without marking or damaging.

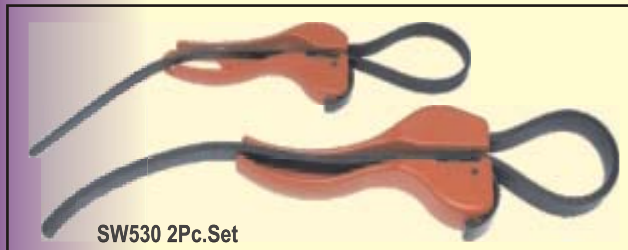
**Maximum Capacity:** 4"(100mm)

### SW505 Large Python Adjustable Strap Wrench

This reinforced rubber strap wrench is ideal for gripping all shaped objects up to 6"(150mm) diameter. It has a multitude of uses.

**Suits:** Filters, caps, taps, connecting tubes or any irregular shaped item that requires turning without marking or damaging.

**Maximum Capacity:** 6"(150mm)



SW530 2Pc.Set

### SW530 2Pc. Python Adjustable Strap Wrench Set

This set includes both #SW515 & #SW505 Python Adjustable Strap Wrenches. Use the #SW505 for larger work and the #SW515 in confined areas.

**Suits:** Filters, caps, taps, connecting tubes or any irregular shaped item that requires turning without marking or damaging.

### One-Hander Speed Wrenches

Self locking adjustable wrench that will grip securely on all shapes. Great for removing damaged fasteners and studs.

Part No.	Description	Opening	Length
W104	6" One-Hander	1/4" - 9/16" (7 - 15mm)	6" (150mm)
W103	8" One-Hander	5/16" - 1" (8 - 25mm)	8" (200mm)
W102	10" One-Hander	3/8" - 1.1/4" (10 - 32mm)	10" (250mm)
W101	12" One-Hander	5/8" - 1.1/2" (15 - 40mm)	12" (300mm)

### Universal Fast Wrenches

Drop forged from Chrome Molybdenum steel. Fully heat treated, sand blasted and satin chrome plated. Fast ratcheting action with positive non-slip grip will work on hexagon, square or even rounded fasteners.

#### W6008 8" Universal Fast Wrench

Made from super strong chrome vanadium.

**Capacity:** 5/16" to 11/16" (8 to 17mm)

**Length:** 8" (200mm)

#### W6012 12" Universal Fast Wrench

Made from super strong chrome vanadium.

**Capacity:** 9/16" to 1.1/4" (14 to 32mm)

**Length:** 12" (300mm)

### Adjustable Clench Wrenches

The Clench Wrench will fit with any nut or bolt 3/8" to 1.3/16" (10 to 30mm). The self locking adjustable wrench will grip securely on all fasteners and the greater the torque the tighter the jaws will grip.

#### W140 Adjustable Clench Wrench

Excellent for use on auto, mechanical, plumbing and household jobs.

Made from super strong chrome vanadium.

**Capacity:** 3/8" to 1.3/16" (10 to 30mm) **Length:** 10" (250mm)



W104

W103

W102

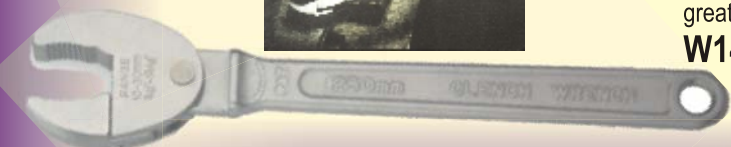
W101



W6008



W6012





## Adjustable Slip Nut Wrench

### 10275 Adjustable Slip Nut Wrench 3"(75mm) Capacity

Special thin jaw wrench to reach into confined areas such as gland nuts and other restricted areas. Made from Ductile steel. The extra slim jaws open to a capacity of 3"(75mm).

**Capacity:** 3"(75mm)

**Length:** 10"(250mm)



10275

### 10235 3/8"Drive Auto Adjustable wrench

This Adjustable wrench when used with 3/8"Drive socket accessories works as a adjustable crowsfoot wrench. Using an extension you can reach into areas that a normal wrench will not go.

**capacity:** 0 - 1.1/4" (0 to 32mm)

**Length:** 3.1/4"(82mm)

**Jaw Thickness:** 1/2" (13mm)



**Adjustable Wrench can be used with any 3/8" Drive Adjustable bar or ratchet.**



10235

## Adjustable Face Pin Wrenches

### C490 Adjustable Face Pin Wrench

Pins can be adjusted to fit all diameters on flange nuts from 10mm to 30mm. Used on angle grinders etc.

**Pin Diameter:** 3/16"(5mm)

**Capacity:** 3/8" to 1.3/16"(10 to 30mm)

**Length:** 7.3/8"(185mm)



C490



C492



Use as screwdriver



Fits 10mm, 12mm, 14mm, 15mm, 17mm, 19mm

### C492 Adjustable Face Pin Wrench

Pins can be adjusted to fit all diameters on flange nuts from 15mm to 52mm. Can be used on angle grinders etc. High torque action gives you the power to remove pin hole fasteners with ease. The tapered openings in the handle will turn nuts and bolts from 3/8" to 3/4" (10mm, 12mm, 14mm, 15mm, 17mm, 19mm).

**Pin Diameter:** 3/16"(5mm)

**Capacity:** 9/16" to 2.1/8"(15 to 52mm)

**Length:** 8" (200mm)



J1268

### J1268 Adjustable Gland Nut Wrench Kit

The adjustable gland nut wrench includes eight interchangeable double ended pins. A central knurled nut adjust opening from 19mm to 105mm. Two sets of spare pins are included. Forged in chrome vanadium steel, satin chrome finish. Supplied in blow mold case.

**Double end pin sizes:** 2.5mm - 4mm, 3mm - 5mm  
6mm - 8mm, 7mm - 9mm

**Capacity:** 19mm to 105mm

**Length:** 10" (254mm)



5623

### 5623 23Pc. Adjustable Face Pin Wrench Set

This adjustable face pin wrench includes two sets of five pairs of interchangeable pins with knurled head for easy replacement. The face pin wrench will adjust from 5/16"(8mm) to 6"(150mm) and beyond. The adjustable handle is made from chrome molybdenum steel and the pin sets are made from S2 steel. Supplied in blow mold case.

**Capacity:** 5/16"(8mm) to 6"(150mm)

**Pin sizes:** 1.5mm, 2mm, 2.5mm, 3mm, 4mm (Two sets of each)

**Length:** 6.5/16"(160mm)





**Sizes: 1/4" to 1.1/4" (6 to 32mm)**

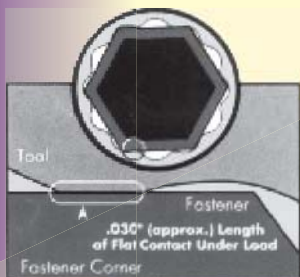
**Feature:**

- Forged from 6140 Alloy Steel
- Ring End features Surface Drive
- Full Mirror Chrome Finish

**Sizes: 1.5/16" to 2" (34 to 50mm)**

**Feature:**

- Forged from 6140 Alloy Steel
- Ring End features Double Hex
- Satin Chrome Finish



**T&E's Greater Surface Contact Configuration**

**Mirror Finish**

**T&E's "Greater Surface Contact" on the flats of the hex away from the corners gives a more positive non-slip, non-burr grip with increased torque and strength.**

### SAE Combination Wrenches (Individual Sizes)

Part No.	Size	Ring Opening	Length
40808	1/4"	12Pt Combination Wrench	4.7/8"
41010	5/16"	12Pt Combination Wrench	5.5/8"
41212	3/8"	12Pt Combination Wrench	6.3/8"
41414	7/16"	12Pt Combination Wrench	6.5/8"
41616	1/2"	12Pt Combination Wrench	7.3/32"
41818	9/16"	12Pt Combination Wrench	7.5/8"
42020	5/8"	12Pt Combination Wrench	8.1/8"
42222	11/16"	12Pt Combination Wrench	8.15/16"
42424	3/4"	12Pt Combination Wrench	10.5/32"
42626	13/16"	12Pt Combination Wrench	11.11/16"
42828	7/8"	12Pt Combination Wrench	11.5/8"
43030	15/16"	12Pt Combination Wrench	12.1/2"
43232	1"	12Pt Combination Wrench	13.11/32"
43434	1.1/16"	12Pt Combination Wrench	15.3/4"
43636	1.1/8"	12Pt Combination Wrench	16.1/2"
43838	1.3/16"	12Pt Combination Wrench	16.7/8"
44040	1.1/4"	12Pt Combination Wrench	17.1/8"
BW1174	1.5/16"	12Pt Combination Wrench	20"
BW1175	1.3/8"	12Pt Combination Wrench	20"
BW1176	1.7/16"	12Pt Combination Wrench	20"
BW1177	1.1/2"	12Pt Combination Wrench	20.3/8"
BW1178	1.5/8"	12Pt Combination Wrench	22"
BW1179	1.11/16"	12Pt Combination Wrench	22"
BW1180	1.3/4"	12Pt Combination Wrench	24"
BW1181	1.13/16"	12Pt Combination Wrench	24"
BW1182	1.7/8"	12Pt Combination Wrench	26"
BW1183	2"	12Pt Combination Wrench	26"

### Metric Combination Wrenches (Individual Sizes)

Part No.	Size	Ring Opening	Length
60606	6mm	12Pt Combination Wrench	124mm
60707	7mm	12Pt Combination Wrench	135mm
60808	8mm	12Pt Combination Wrench	143mm
60909	9mm	12Pt Combination Wrench	149mm
61010	10mm	12Pt Combination Wrench	161mm
61111	11mm	12Pt Combination Wrench	168mm
61212	12mm	12Pt Combination Wrench	174mm
61313	13mm	12Pt Combination Wrench	180mm
61414	14mm	12Pt Combination Wrench	193mm
61515	15mm	12Pt Combination Wrench	200mm
61616	16mm	12Pt Combination Wrench	207mm
61717	17mm	12Pt Combination Wrench	227mm
61818	18mm	12Pt Combination Wrench	239mm
61919	19mm	12Pt Combination Wrench	250mm
62020	20mm	12Pt Combination Wrench	271mm
62121	21mm	12Pt Combination Wrench	271mm
62222	22mm	12Pt Combination Wrench	295mm
62323	23mm	12Pt Combination Wrench	305mm
62424	24mm	12Pt Combination Wrench	317mm
62525	25mm	12Pt Combination Wrench	325mm
62626	26mm	12Pt Combination Wrench	352mm
62727	27mm	12Pt Combination Wrench	362mm
62828	28mm	12Pt Combination Wrench	362mm
63030	30mm	12Pt Combination Wrench	394mm
63232	32mm	12Pt Combination Wrench	429mm
63434	34mm	12Pt Combination Wrench	463mm
63636	36mm	12Pt Combination Wrench	492mm
63838	38mm	12Pt Combination Wrench	543mm
64141	41mm	12Pt Combination Wrench	584mm
64646	46mm	12Pt Combination Wrench	635mm
65050	50mm	12Pt Combination Wrench	711mm



## SAE Large Combination Wrenches (Individual Sizes)

Made from drop forged 6140 alloy steel and feature satin chrome finish.

Part No.	Size	Ring Opening	Length
46666	2.1/16"	12Pt Combination Wrench	665mm
46868	2.1/8"	12Pt Combination Wrench	665mm
47070	2.3/16"	12Pt Combination Wrench	665mm
47272	2.1/4"	12Pt Combination Wrench	665mm
47474	2.5/16"	12Pt Combination Wrench	665mm
47676	2.3/8"	12Pt Combination Wrench	760mm
47878	2.7/16"	12Pt Combination Wrench	760mm
48080	2.1/2"	12Pt Combination Wrench	760mm
48282	2.9/16"	12Pt Combination Wrench	760mm
48484	2.5/8"	12Pt Combination Wrench	850mm
48686	2.11/16"	12Pt Combination Wrench	850mm
48888	2.3/4"	12Pt Combination Wrench	850mm

## Metric Large Combination Wrenches (Individual Sizes)

Made from drop forged 6140 alloy steel and feature black phosphate finish.

Part No.	Size	Ring Opening	Length
30350	50mm	12Pt Combination Wrench	570mm
30355	55mm	12Pt Combination Wrench	590mm
30360	60mm	12Pt Combination Wrench	610mm
30365	65mm	12Pt Combination Wrench	630mm
30370	70mm	12Pt Combination Wrench	650mm
30375	75mm	12Pt Combination Wrench	670mm
30380	80mm	12Pt Combination Wrench	690mm
30385	85mm	12Pt Combination Wrench	750mm
30390	90mm	12Pt Combination Wrench	800mm
30391	95mm	12Pt Combination Wrench	800mm
30392	100mm	12Pt Combination Wrench	800mm
30393	105mm	12Pt Combination Wrench	70mm
30394	110mm	12Pt Combination Wrench	
30395	115mm	12Pt Combination Wrench	
30396	120mm	12Pt Combination Wrench	

## SAE Long Combination Wrenches

### 13000L SAE Long Combination Wrench Set

Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4".

Individual Sizes: Available Separately

Part No.	Size	Opening	Length
41212L	3/8"	12Pt Long Combination Wrench	7.1/2"
41414L	7/16"	12Pt Long Combination Wrench	8.1/8"
41616L	1/2"	12Pt Long Combination Wrench	9.9/16"
41818L	9/16"	12Pt Long Combination Wrench	10.1/4"
42020L	5/8"	12Pt Long Combination Wrench	11.11/16"
42222L	11/16"	12Pt Long Combination Wrench	12.3/8"
42424L	3/4"	12Pt Long Combination Wrench	13.3/4"

## Metric Long Combination Wrenches

### 13100L Metric Long Combination Wr. Set

Sizes: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19mm.

Individual Sizes: Available Separately

Part No.	Size	Opening	Length
61010L	10mm	12Pt Long Combination Wrench	189mm
61111L	11mm	12Pt Long Combination Wrench	207mm
61212L	12mm	12Pt Long Combination Wrench	225mm
61313L	13mm	12Pt Long Combination Wrench	243mm
61414L	14mm	12Pt Long Combination Wrench	261mm
61515L	15mm	12Pt Long Combination Wrench	279mm
61616L	16mm	12Pt Long Combination Wrench	297mm
61717L	17mm	12Pt Long Combination Wrench	314mm
61818L	18mm	12Pt Long Combination Wrench	333mm
61919L	19mm	12Pt Long Combination Wrench	349mm

Large SAE combination wrenches  
2.1/16" to 2.3/4"  
have a satin chrome finish.



Large Metric combination wrenches  
50mm to 120mm  
have a black phosphate finish.



13000L

13100L



### SAE Pro-Line Combination Wrench Sets

#### No.13000

#### 11Pc. SAE Combination Wrench Set

Feature:

- Forged from 6140 Alloy Steel
- Ring End features Surface Drive
- Full Mirror Chrome Finish

Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16"  
5/8", 11/16", 3/4", 13/16", 7/8"  
Includes Riblock storage rack.



13000

#### No.13005

#### 16Pc. SAE

#### Combination Wrench Set

Feature:

- Forged from 6140 Alloy Steel
- Ring End features Surface Drive
- Full Mirror Chrome Finish

Sizes: 1/4", 5/16", 3/8", 7/16"  
1/2", 9/16", 5/8", 11/16"  
3/4", 13/16", 7/8", 15/16"  
1", 1.1/16", 1.1/8", 1.1/4"  
Supplied in stitched canvas  
vinyl wallet.

13005-W Wallet for #13005



No.13005

### Metric Pro-Line Combination Wrench Sets

#### No.13100

#### 11Pc. Metric Combination Wrench Set

Feature:

- Forged from 6140 Alloy Steel
- Ring End features Surface Drive
- Full Mirror Chrome Finish

Sizes: 8mm, 10mm, 11mm, 12mm, 13mm, 14mm  
15mm, 16mm, 17mm, 19mm, 21mm  
Includes Riblock storage rack.



13100

#### No.13105

#### 16Pc. Metric

#### Combination Wrench Set

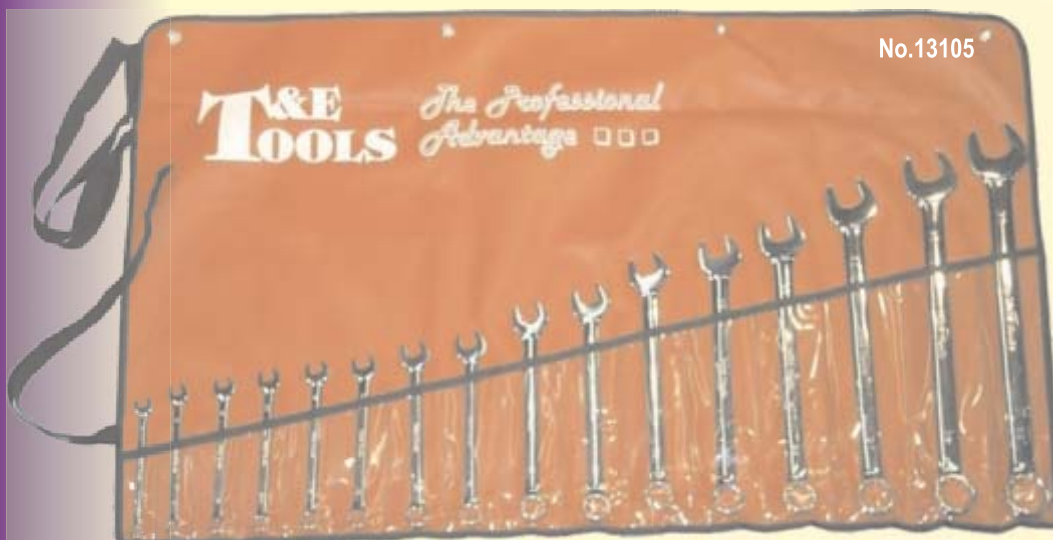
Feature:

- Forged from 6140 Alloy Steel
- Ring End features Surface Drive
- Full Mirror Chrome Finish

Sizes: 8mm, 9mm, 10mm, 11mm,  
12mm, 13mm, 14mm, 15mm,  
17mm, 19mm, 21mm, 22mm,  
24mm, 27mm, 30mm, 32mm

Supplied in stitched canvas  
vinyl wallet.

13005-W Wallet for #13105



No.13105



**SAE / Metric Combination Wrench Set**

**13001 18Pc. SAE & Metric Pro-Line Combination Wrench Set**

- Forged from 6140 Alloy Steel
- Ring End features Surface Drive
- Full Mirror Chrome Finish

**SAE sizes:** 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

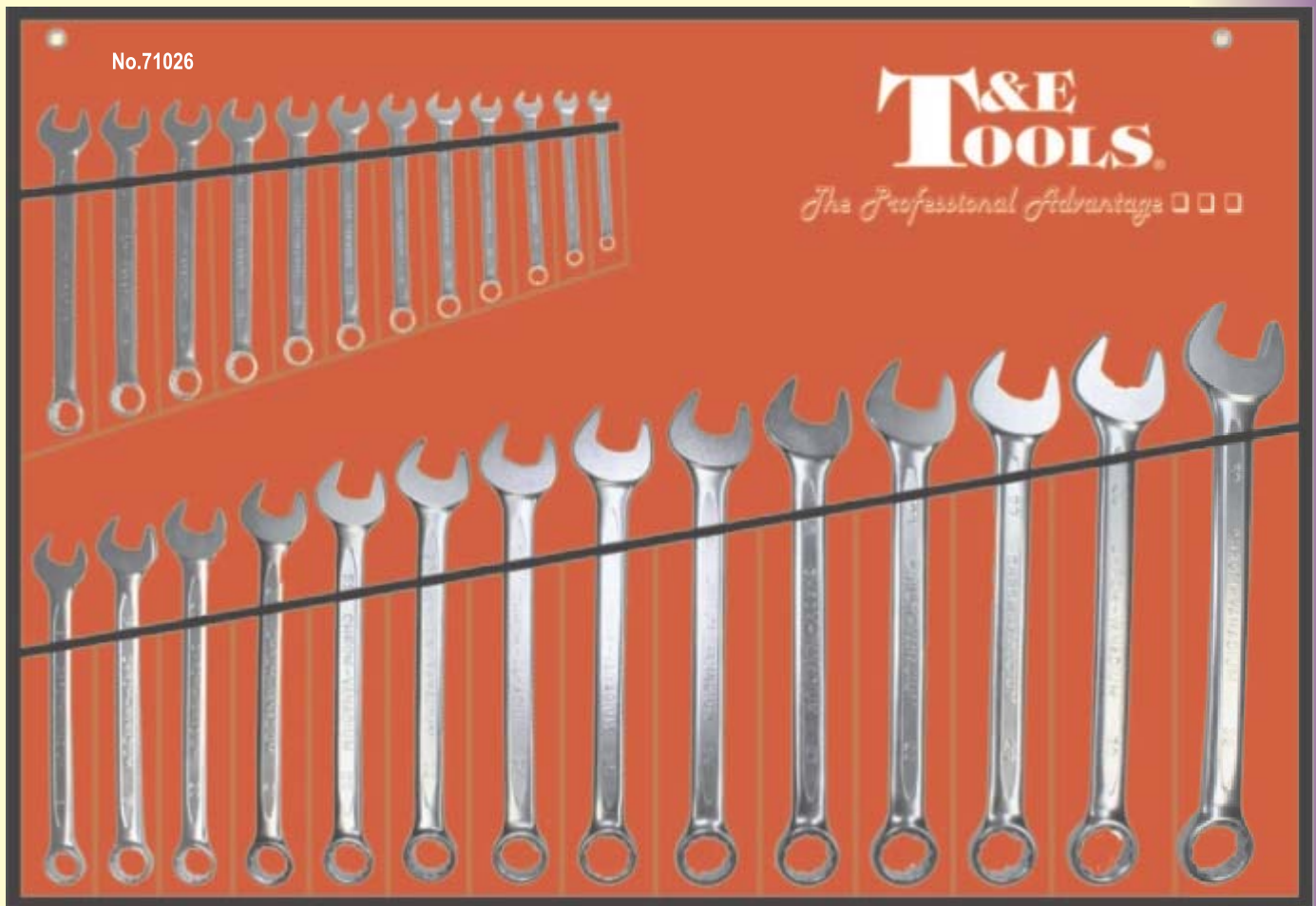
**Metric sizes:** 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm

Supplied in blow mold plastic storage liner.

**13001TRAY Black Tray for #13001**



**Metric Euro Combination Wrenches**



**71026 26Pc. Euro Metric Combination Wrench Set**

**(Platinum Surface Finish)**

Euro Combination wrenches are extra thin in both the ring and the open end thickness. They are forged from 6140 Alloy Steel and have a super smooth Platinum finish. Supplied in stitched canvas vinyl wallet.

**Set Contains:**

**Available Separately**

Part No.	Size	Opening	Length
71206	6mm	12Pt Euro Combination Wrench	105mm
71207	7mm	12Pt Euro Combination Wrench	115mm
71208	8mm	12Pt Euro Combination Wrench	125mm
71209	9mm	12Pt Euro Combination Wrench	135mm
71210	10mm	12Pt Euro Combination Wrench	145mm
71211	11mm	12Pt Euro Combination Wrench	155mm
71212	12mm	12Pt Euro Combination Wrench	165mm
71213	13mm	12Pt Euro Combination Wrench	175mm
71214	14mm	12Pt Euro Combination Wrench	185mm
71215	15mm	12Pt Euro Combination Wrench	195mm
71216	16mm	12Pt Euro Combination Wrench	205mm
71217	17mm	12Pt Euro Combination Wrench	215mm
71218	18mm	12Pt Euro Combination Wrench	225mm

**Set Contains:**

**Available Separately**

Part No.	Size	Opening	Length
71219	19mm	12Pt Euro Combination Wrench	235mm
71220	20mm	12Pt Euro Combination Wrench	245mm
71221	21mm	12Pt Euro Combination Wrench	255mm
71222	22mm	12Pt Euro Combination Wrench	265mm
71223	23mm	12Pt Euro Combination Wrench	275mm
71224	24mm	12Pt Euro Combination Wrench	285mm
71225	25mm	12Pt Euro Combination Wrench	295mm
71226	26mm	12Pt Euro Combination Wrench	305mm
71227	27mm	12Pt Euro Combination Wrench	315mm
71228	28mm	12Pt Euro Combination Wrench	325mm
71229	29mm	12Pt Euro Combination Wrench	335mm
71230	30mm	12Pt Euro Combination Wrench	345mm
71232	32mm	12Pt Euro Combination Wrench	365mm



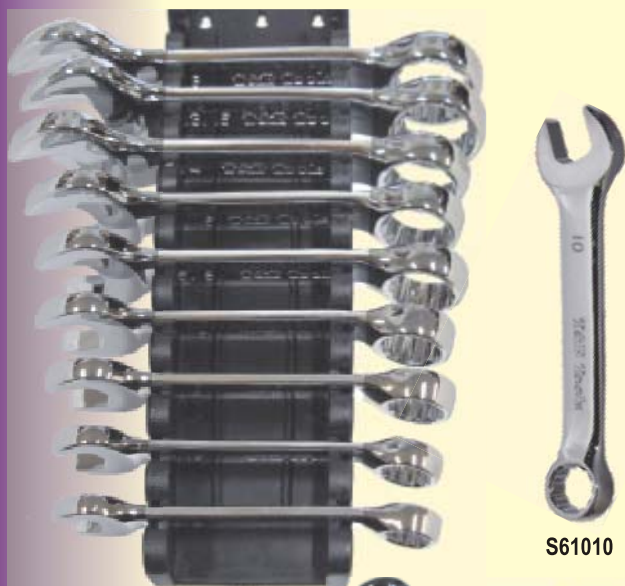
*Euro Combination wrenches are extra thin in ring and the open end. Forged from 6140 Alloy Steel with super smooth Platinum finish.*

- Forged from 6140 Alloy Steel
- Ring End features Surface Drive
- Super Smooth Platinum Finish

### Metric Euro Combination Wrenches

#### 71016 16Pc. Euro Metric Combination Wrench Set

**Metric sizes:** 6mm, 7mm, 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm, 24mm.  
Supplied in stitched canvas vinyl wallet.



13009S

S61010

### Stubby Combination Wrenches

#### 13009S 9Pc. SAE Stubby Combination Wrenches

**Sizes:** 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"

**Individual Sizes:**

**Available Separately**

Part No.	Size	Ring Opening	Length
S41212	3/8"	12Pt. Stubby Combination Wrench	3.3/4"
S41414	7/16"	12Pt. Stubby Combination Wrench	3.15/16"
S41616	1/2"	12Pt. Stubby Combination Wrench	4.1/4"
S41818	9/16"	12Pt. Stubby Combination Wrench	4.1/2"
S42020	5/8"	12Pt. Stubby Combination Wrench	4.3/4"
S42222	11/16"	12Pt. Stubby Combination Wrench	5.1/16"
S42424	3/4"	12Pt. Stubby Combination Wrench	5.7/16"
S42626	13/16"	12Pt. Stubby Combination Wrench	5.3/4"
S42828	7/8"	12Pt. Stubby Combination Wrench	6.1/8"

#### 13110S 12Pc. Metric Stubby Combination Wrenches

**Sizes:** 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm.

**Individual Sizes:**

**Available Separately**

Part No.	Size	Ring Opening	Length
S61010	10mm	12Pt. Stubby Combination Wrench	95mm
S61111	11mm	12Pt. Stubby Combination Wrench	100mm
S61212	12mm	12Pt. Stubby Combination Wrench	105mm
S61313	13mm	12Pt. Stubby Combination Wrench	110mm
S61414	14mm	12Pt. Stubby Combination Wrench	115mm
S61515	15mm	12Pt. Stubby Combination Wrench	118mm
S61616	16mm	12Pt. Stubby Combination Wrench	122mm
S61717	17mm	12Pt. Stubby Combination Wrench	128mm
S61818	18mm	12Pt. Stubby Combination Wrench	132mm
S61919	19mm	12Pt. Stubby Combination Wrench	138mm
S62121	21mm	12Pt. Stubby Combination Wrench	146mm
S62222	22mm	12Pt. Stubby Combination Wrench	155mm

13110S



## Mini Combination Wrenches

### 5593 10Pc. SAE Mini Combination Wrench Set

Drop forged alloy steel.6 & 12pt. fully polished & heat treated.

Sizes: 5/32" to 7/16" as shown in table below.

Supplied in vinyl pouch.

Individual Sizes:

Available Separately

Part No.	Size	Ring Opening	Length
5601	5/32"	6Pt. Mini Combination Wrench	72mm
5602	3/16"	6Pt. Mini Combination Wrench	72mm
5603	7/32"	12Pt. Mini Combination Wrench	82mm
5604	15/64"	12Pt. Mini Combination Wrench	82mm
5605	1/4"	12Pt. Mini Combination Wrench	82mm
5606	9/32"	12Pt. Mini Combination Wrench	89mm
5607	5/16"	12Pt. Mini Combination Wrench	89mm
5608	11/32"	12Pt. Mini Combination Wrench	97mm
5609	3/8"	12Pt. Mini Combination Wrench	97mm
5610	7/16"	12Pt. Mini Combination Wrench	99mm



5593



5594

### 5594 10Pc. Metric Mini Combination Wrench Set

Drop forged alloy steel.6 & 12pt. fully polished & heat treated.

Sizes: 4mm to 11mm as shown in table below.

Supplied in vinyl pouch.

Individual Sizes:

Available Separately

Part No.	Size	Ring Opening	Length
5611	4mm	6Pt. Mini Combination Wrench	72mm
5612	4.5mm	6Pt. Mini Combination Wrench	72mm
5613	5mm	12Pt. Mini Combination Wrench	82mm
5614	5.5mm	12Pt. Mini Combination Wrench	82mm
5615	6mm	12Pt. Mini Combination Wrench	82mm
5616	7mm	12Pt. Mini Combination Wrench	89mm
5617	8mm	12Pt. Mini Combination Wrench	89mm
5618	9mm	12Pt. Mini Combination Wrench	97mm
5619	10mm	12Pt. Mini Combination Wrench	97mm
5621	11mm	12Pt. Mini Combination Wrench	99mm



## Non-Slip Combination Wrenches

### KW10M 10Pc. Non-Slip Combination Wrenches

Sizes: 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm,

17mm, 19mm, 21mm. **Long Series Wrenches.**

Supplied in vinyl wallet.

Individual Sizes:

Available Separately

Part No.	Size	Length	Part No.	Size	Length
K60808	8mm	146mm	K61414	14mm	216mm
K61010	10mm	170mm	K61515	15mm	230mm
K61111	11mm	185mm	K61717	17mm	254mm
K61212	12mm	194mm	K61919	19mm	278mm
K61313	13mm	205mm	K62121	21mm	300mm

Long Series Combination Wrenches



### DWC-50 12Pc. Non-Slip Combination Wrenches

Sizes: 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 19mm, 21mm, 22mm, 24mm. **Ratchet Open End Wrenches.**

Includes ribblock storage rack.

Individual Sizes:

Available Separately

Part No.	Size	Length	Part No.	Size	Length
DWC-10	10mm	165mm	DWC-18	18mm	265mm
DWC-11	11mm	170mm	DWC-19	19mm	280mm
DWC-12	12mm	180mm	DWC-20	20mm	285mm
DWC-13	13mm	195mm	DWC-21	21mm	290mm
DWC-14	14mm	205mm	DWC-22	22mm	300mm
DWC-15	15mm	220mm	DWC-23	23mm	305mm
DWC-16	16mm	230mm	DWC-24	24mm	315mm
DWC-17	17mm	250mm	DWC-26	26mm	330mm



#### Features:

- Forged from 6140 Alloy Steel
- Ring End Non-Slip Surface Drive
- Ratcheting Open End will grip on 80% rounded fastener





### GearWrench Features:

- 72 Teeth Fine Ratchet Mechanism
- Forged from 6140 Alloy Steel
- Ring End features Surface Drive
- Full Mirror Chrome Finish

### 13004 4Pc SAE GearWrench Set

Sizes: 3/8", 7/16", 1/2", 9/16"  
72 Teeth GearWrench Ring  
and Open End.  
Supplied in plastic tray.



### 13006 6Pc SAE GearWrench Set

Sizes: 5/16", 3/8", 7/16",  
1/2", 9/16", 5/8"  
72 Teeth GearWrench  
Ring and Open End.  
Supplied on riblock storage rack.



**Clean & oil GearWrench regularly for prolonged life!**



### 13013 13Pc. SAE GearWrench Set

Sizes: 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4",  
13/16", 7/8", 15/16", 1". 72 Teeth GearWrench Ring and  
Open End. Supplied on riblock storage rack.



### 13009 8Pc SAE GearWrench Set

Sizes: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4".  
72 Teeth GearWrench Ring and Open End.  
Supplied in molded tray.

### Adaptors to convert GearWrench into 1/4", 3/8" and 1/2" drive ratchets



**GearWrench with  
slim style ratchet  
head adaptor with  
quick release**

**No.12810**

**1/4"Dr. 3/8"Dr. & 1/2"Dr.**

**Adaptors For SAE GearWrenches**

1/4"Dr. Adaptor suits 3/8" size  
1/2"Dr. Adaptor suits 3/4" size

3/8"Dr. Adaptor suits 1/2" size  
Replacement O-rings included.

**No.12812**

**1/4"Dr. 3/8"Dr. & 1/2"Dr.**

**Adaptors For Metric GearWrenches**

1/4"Dr. Adaptor suits 10mm size  
1/2"Dr. Adaptor suits 19mm size

3/8"Dr. Adaptor suits 13mm size  
Replacement O-rings included.

**Converts GearWrench into 1/4" hex ratchet bit holder**



**No.12811**

**1/4"Hex Bit Adaptors  
For GearWrenches**

1/4"Dr. Adaptor suits 10mm size  
Two adaptors included in the set for use with any 1/4"hex bits.  
Supplied in vinyl pouch.

1/4"Dr. Adaptor suits 3/8" size

### SAE GearWrenches Combination Ring & Open End

Individual Sizes:

Available Separately

Part No.	Size	Description	Length
50008	1/4"	12 Point GearWrench Ring & O/E	5.1/4"
50010	5/16"	12 Point GearWrench Ring & O/E	5.1/2"
50012	3/8"	12 Point GearWrench Ring & O/E	6.1/4"
50014	7/16"	12 Point GearWrench Ring & O/E	6.1/2"
50016R	1/2"	12 Point GearWrench Ring & O/E	7"
50018	9/16"	12 Point GearWrench Ring & O/E	7.1/2"
50020	5/8"	12 Point GearWrench Ring & O/E	8."
50022	11/16"	12 Point GearWrench Ring & O/E	8.3/4"
50024	3/4"	12 Point GearWrench Ring & O/E	9.3/4"
50026	13/16"	12 Point GearWrench Ring & O/E	11.1/2"
50028	7/8"	12 Point GearWrench Ring & O/E	11.1/2"
50030	15/16"	12 Point GearWrench Ring & O/E	11.1/2"
50032	1"	12 Point GearWrench Ring & O/E	13"
50034	1.1/16"	12 Point GearWrench Ring & O/E	14"
50036	1.1/8"	12 Point GearWrench Ring & O/E	15.3/4"
50040	1.1/4"	12 Point GearWrench Ring & O/E	16.3/4"





### GearWrench. Features:

- 72 Teeth Fine Ratchet Mechanism
- Forged from 6140 Alloy Steel
- Ring End features Surface Drive
- Full Mirror Chrome Finish

### 13104 4Pc Metric GearWrench Set

Sizes: 10mm, 12mm, 13mm,  
14mm. 72 Teeth GearWrench  
Ring and Open End.  
Supplied in plastic tray.



### No.13106 6Pc Metric GearWrench Set

Sizes: 10mm, 11mm, 12mm,  
13mm, 14mm, 15mm  
72 Teeth GearWrench  
Ring and Open End.  
Supplied in riblock rack.



**Clean & oil GearWrench regularly for prolonged life!**



### No.13109

### 9Pc Metric GearWrench Set

Sizes:  
8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm  
72 Teeth GearWrench Ring and Open End. Supplied in riblock rack.



### No.13012

### 12Pc Metric GearWrench Set

Sizes: 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm,  
16mm, 17mm, 18mm, 19mm. 72 Teeth GearWrench  
Ring and Open End. Supplied in plastic tray.



### No.13016

### 16Pc. Metric GearWrench Set

Sizes: 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm,  
16mm, 17mm, 18mm, 19mm, 20mm, 21mm, 22mm, 24mm.  
72 Teeth GearWrench Ring and Open End.  
Supplied in riblock storage rack.

### Metric GearWrenches Combination Ring & Open End

Individual Sizes:

Available Separately

Part No.	Size	Description	Length
51008	8mm	12 Point GearWrench Ring & O/E	140mm
51009	9mm	12 Point GearWrench Ring & O/E	150mm
51010	10mm	12 Point GearWrench Ring & O/E	160mm
51011	11mm	12 Point GearWrench Ring & O/E	165mm
51012	12mm	12 Point GearWrench Ring & O/E	170mm
51013	13mm	12 Point GearWrench Ring & O/E	180mm
51014	14mm	12 Point GearWrench Ring & O/E	190mm
51015	15mm	12 Point GearWrench Ring & O/E	200mm
51016	16mm	12 Point GearWrench Ring & O/E	210mm
51017	17mm	12 Point GearWrench Ring & O/E	225mm
51018	18mm	12 Point GearWrench Ring & O/E	235mm
51019	19mm	12 Point GearWrench Ring & O/E	250mm
51020	20mm	12 Point GearWrench Ring & O/E	290mm
51021	21mm	12 Point GearWrench Ring & O/E	290mm
51022	22mm	12 Point GearWrench Ring & O/E	290mm
51024	24mm	12 Point GearWrench Ring & O/E	335mm
51025	25mm	12 Point GearWrench Ring & O/E	335mm
51027	27mm	12 Point GearWrench Ring & O/E	355mm
51030	30mm	12 Point GearWrench Ring & O/E	400mm
51032	32mm	12 Point GearWrench Ring & O/E	425mm







**No.13998  
8Pc. SAE  
Flex-Head  
GearWrench Set**

**Sizes:** 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4".  
72 Teeth 180° Flex-Head GearWrench Ring and Open End.  
Supplied with Riblock storage rack.



**No.13999  
12Pc. Metric  
Flex-Head  
GearWrench Set**

**Sizes:**  
8mm, 9mm, 10mm,  
11mm, 12mm, 13mm,  
14mm, 15mm, 16mm,  
17mm, 18mm, 19mm.

72 Teeth 180° Flex-Head GearWrench Ring and Open End.  
Supplied with Riblock storage rack.

**Clean & oil GearWrench regularly for prolonged life!**



**No.13996  
13Pc. SAE  
Flex-Head  
GearWrench Set**

**Sizes:** 5/16", 11/32", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1". 72 Teeth 180° Flex-Head GearWrench Ring and Open End.  
Supplied with Riblock storage rack.



**No.13997  
16Pc. Metric  
Flex-Head  
GearWrench Set**

**Sizes:**  
8mm, 9mm, 10mm,  
11mm, 12mm, 13mm,  
14mm, 15mm, 16mm,  
17mm, 18mm, 19mm,  
21mm, 22mm, 24mm,  
25mm. 72 Teeth 180°

Flex-Head GearWrench Ring and Open End.  
Supplied with Riblock storage rack.

### Metric 180° Flex-Head GearWrenches Combination Ring & Open End

**Individual Sizes:**

**Available Separately**

Part No.	Size	Ring Opening	Length
59008	8mm	12Pt. Flex-Head GearWrench	153mm
59009	9mm	12Pt. Flex-Head GearWrench	155mm
59010	10mm	12Pt. Flex-Head GearWrench	158mm
59011	11mm	12Pt. Flex-Head GearWrench	165mm
59012	12mm	12Pt. Flex-Head GearWrench	171mm
59013	13mm	12Pt. Flex-Head GearWrench	178mm
59014	14mm	12Pt. Flex-Head GearWrench	190mm
59015	15mm	12Pt. Flex-Head GearWrench	199mm
59016	16mm	12Pt. Flex-Head GearWrench	208mm
59017	17mm	12Pt. Flex-Head GearWrench	225mm
59018	18mm	12Pt. Flex-Head GearWrench	236mm
59019	19mm	12Pt. Flex-Head GearWrench	248mm
59020	20mm	12Pt. Flex-Head GearWrench	291mm
59021	21mm	12Pt. Flex-Head GearWrench	291mm
59022	22mm	12Pt. Flex-Head GearWrench	291mm
59024	24mm	12Pt. Flex-Head GearWrench	333mm
59025	25mm	12Pt. Flex-Head GearWrench	333mm

### SAE 180° Flex-Head GearWrenches Combination Ring & Open End

**Individual Sizes:**

**Available Separately**

Part No.	Size	Ring Opening	Length
59110	5/16"	12Pt. Flex-Head GearWrench	6.1/8"
59111	11/32"	12Pt. Flex-Head GearWrench	6.1/8"
59112	3/8"	12Pt. Flex-Head GearWrench	6.3/16"
59114	7/16"	12Pt. Flex-Head GearWrench	6.1/2"
59116	1/2"	12Pt. Flex-Head GearWrench	7"
59118	9/16"	12Pt. Flex-Head GearWrench	7.1/2"
59120	5/8"	12Pt. Flex-Head GearWrench	8.1/4"
59122	11/16"	12Pt. Flex-Head GearWrench	8.7/8"
59124	3/4"	12Pt. Flex-Head GearWrench	9.3/4"
59126	13/16"	12Pt. Flex-Head GearWrench	11.1/2"
59128	7/8"	12Pt. Flex-Head GearWrench	13.1/8"
59130	15/16"	12Pt. Flex-Head GearWrench	13.1/8"
59132	1"	12Pt. Flex-Head GearWrench	13.1/8"



**Features: 15° offset with reversing lever.**



**No.13004R**

## 4Pc. SAE Reversible GearWrench Set

**Sizes:** 3/8", 7/16", 1/2", 9/16". 72 Teeth Reversible GearWrench Ring and Open End. Supplied in display pack.

**Features: 15° offset with reversing lever.**



**No.13104R**

## 4Pc. Metric Reversible GearWrench Set

**Sizes:** 10mm, 12mm, 13mm, 14mm. 72 Teeth Reversible GearWrench Ring and Open End. Supplied in display pack.

**Clean & oil GearWrench regularly for prolonged life!**



**No.13009R**

## 8Pc. SAE Reversible GearWrench Set

**Sizes:** 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4". 72 Teeth Reversible GearWrench Ring and Open End. Supplied with Riblock storage rack.



**No.13012R**

## 12Pc. Metric Reversible GearWrench Set

**Sizes:** 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm. 72 Teeth Reversible GearWrench Ring and Open End. Supplied with Riblock storage rack.



**Reversible 15° Offset Clearance Works where sockets cant**

## SAE Reversible GearWrenches Combination Ring & Open End

**Individual Sizes:**

**Available Separately**

Part No.	Size	Description	Length
57010	5/16"	12 Point Reversible GearWrench	5.1/2"
57012	3/8"	12 Point Reversible GearWrench	6.1/4"
57014	7/16"	12 Point Reversible GearWrench	6.1/2"
57016	1/2"	12 Point Reversible GearWrench	7"
57018	9/16"	12 Point Reversible GearWrench	7.1/2"
57020	5/8"	12 Point Reversible GearWrench	8"
57022	11/16"	12 Point Reversible GearWrench	8.3/4"
57024	3/4"	12 Point Reversible GearWrench	9.3/4"
57026	13/16"	12 Point Reversible GearWrench	11.1/2"
57028	7/8"	12 Point Reversible GearWrench	13"
57030	15/16"	12 Point Reversible GearWrench	13"
57032	1"	12 Point Reversible GearWrench	13"

## Metric Reversible GearWrenches Combination Ring & Open End

**Individual Sizes:**

**Available Separately**

Part No.	Size	Description	Length
58008	8mm	12 Point Reversible GearWrench	140mm
58009	9mm	12 Point Reversible GearWrench	150mm
58010	10mm	12 Point Reversible GearWrench	160mm
58011	11mm	12 Point Reversible GearWrench	165mm
58012	12mm	12 Point Reversible GearWrench	170mm
58013	13mm	12 Point Reversible GearWrench	180mm
58014	14mm	12 Point Reversible GearWrench	190mm
58015	15mm	12 Point Reversible GearWrench	200mm
58016	16mm	12 Point Reversible GearWrench	210mm
58017	17mm	12 Point Reversible GearWrench	225mm
58018	18mm	12 Point Reversible GearWrench	235mm
58019	19mm	12 Point Reversible GearWrench	250mm
58020	20mm	12 Point Reversible GearWrench	290mm
58021	21mm	12 Point Reversible GearWrench	290mm
58022	22mm	12 Point Reversible GearWrench	290mm
58024	24mm	12 Point Reversible GearWrench	335mm
58025	25mm	12 Point Reversible GearWrench	335mm



### Stubby Ratchet GearWrench Combination Ring End Opening.

Clean & oil GearWrench regularly for prolonged life!



#### No. S13006

#### 7Pc. SAE Stubby Ratchet Gear Wrench Set

Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4".  
72 Teeth Stubby Ratchet GearWrench Ring and Open End.  
Supplied in blow mold case.

#### SAE Stubby Ratchet GearWrenches Combination Ring & Open End

Individual Sizes:

Available Separately

Part No.	Size	Ratchet Ring Opening	Length
S50008	1/4"	12Pt. Stubby GearWrench	3.1/4"
S50010	5/16"	12Pt. Stubby GearWrench	3.3/4"
S50012	3/8"	12Pt. Stubby GearWrench	4"
S50014	7/16"	12Pt. Stubby GearWrench	4.1/4"
S50016	1/2"	12Pt. Stubby GearWrench	4.1/2"
S50018	9/16"	12Pt. Stubby GearWrench	4.3/4"
S50020	5/8"	12Pt. Stubby GearWrench	5"
S50022	11/16"	12Pt. Stubby GearWrench	5.1/2"
S50024	3/4"	12Pt. Stubby GearWrench	5.1/2"

### Four sizes in one QuadBox Double Box Ratchet Wrenches



#### No.13994

#### 13Pc. SAE QuadBox Double Box Ratchet Wrench Set

Sizes: 5/16" x 3/8" & 7/16" x 1/2",  
9/16" x 5/8" & 11/16" x 3/4"  
72 Teeth QuadBox Double Box Ratchet Wrenches.  
Supplied in plastic insert tray.

#### SAE QuadBox Double Box Ratchet Wrenches

Individual Sizes:

Available Separately

Part No.	Size	Description	Length
59208	5/16" x 3/8" & 7/16" x 1/2"	12 Pt. QuadBox Ratchet Wrench	6.1/4"
59218	9/16" x 5/8" & 11/16" x 3/4"	12 Pt. QuadBox Ratchet Wrench	9"



#### No. S13109

#### 8Pc. Metric Stubby Ratchet Gear Wrench Set

Sizes: 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm,  
19mm. 72 Teeth Stubby Ratchet GearWrench Ring and  
Open End. Supplied in blow mold case.

#### Metric Stubby Ratchet GearWrenches Combination Ring & Open End

Individual Sizes:

Available Separately

Part No.	Size	Ratchet Ring Opening	Length
S51008	8mm	12Pt. Stubby GearWrench	88mm
S51009	9mm	12Pt. Stubby GearWrench	92mm
S51010	10mm	12Pt. Stubby GearWrench	95mm
S51011	11mm	12Pt. Stubby GearWrench	100mm
S51012	12mm	12Pt. Stubby GearWrench	105mm
S51013	13mm	12Pt. Stubby GearWrench	110mm
S51014	14mm	12Pt. Stubby GearWrench	115mm
S51015	15mm	12Pt. Stubby GearWrench	120mm
S51016	16mm	12Pt. Stubby GearWrench	120mm
S51017	17mm	12Pt. Stubby GearWrench	125mm
S51018	18mm	12Pt. Stubby GearWrench	130mm
S51019	19mm	12Pt. Stubby GearWrench	140mm



#### No.13995

#### 13Pc. Metric QuadBox Double Box Ratchet Wrench Set

Sizes: 8mm x 10mm & 12mm x 13mm,  
16mm x 17mm & 18mm x 19mm  
72 Teeth QuadBox Double Box Ratchet Wrenches.  
Supplied in plastic insert tray.

#### Metric QuadBox Double Box Ratchet Wrenches

Individual Sizes:

Available Separately

Part No.	Size	Description	Length
59308	8mm x 10mm & 12mm x 13mm	12 Pt. QuadBox Ratchet Wrench	6.1/4"
59316	16mm x 17mm & 18mm x 19mm	12 Pt. QuadBox Ratchet Wrench	9"



## Dwarf Ring Wrenches

### BW3 3Pc. SAE Short Ring Wrench Set

Sizes: 3/8" x 7/16", 1/2" x 9/16", 5/8 x 3/4"  
Supplied in vinyl pouch.

Individual Sizes:

Part No.	Size	Opening	Offset	Length
BW1402	3/8" x 7/16"	12Pt	45°	4.1/2"
BW1404	1/2" x 9/16"	12Pt	45°	5.1/2"
BW1405	5/8" x 11/16"	12Pt	45°	6.1/4"
BW1406	5/8" x 3/4"	12Pt	45°	6.1/4"



BW3 3Pc.Set

### BW5M 5Pc. Metric Short Ring Wrench Set

Sizes: 10 x11mm, 12 x13mm, 14 x 15mm, 16 x18mm, 17 x19mm  
Supplied in vinyl pouch.

Individual Sizes:

Part No.	Size	Opening	Offset	Length
BM1011	10 x 11mm	12Pt	45°	115mm
BM1213	12 x 13mm	12Pt	45°	120mm
BM1415	14 x 15mm	12Pt	45°	140mm
BM1618	16 x 18mm	12Pt	45°	165mm
BM1719	17 x 19mm	12Pt	45°	170mm



BW5M 5Pc. Set

## Long Ring Wrenches

### BW6 6Pc. SAE Long Ring Wrench Set

Sizes: 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16"  
5/8" x 11/16", 3/4" x 7/8", 15/16" x 1"  
Supplied in vinyl pouch.

Individual Sizes:

Part No.	Size	Opening	Offset	Length
40810	1/4" x 5/16"	12Pt	45°	6.1/2"
41214	3/8" x 7/16"	12Pt	45°	7.1/8"
41618	1/2" x 9/16"	12Pt	45°	8.1/8"
42022	5/8" x 11/16"	12Pt	45°	9.3/8"
42226	11/16" x 13/16"	12Pt	45°	12.1/4"
42428	3/4" x 7/8"	12Pt	45°	11.1/2"
43032	15/16" x 1"	12Pt	45°	14.1/4"
43436	1.1/16" x 1.1/8"	12Pt	45°	18.3/8"
43840	1.3/16" x 1.1/4"	12Pt	45°	18.3/8"
44042	1.1/4" x 1.5/16"	12Pt	45°	19.7/8"



BW6

Mirror Finish

### BM6 6Pc. Metric Long Ring Wrench Set

Sizes: 8 x 9mm, 10 x 11mm, 12 x 13mm  
14 x 15mm, 16 x 17mm, 18 x 19mm  
Supplied in vinyl pouch.

Individual Sizes:

Part No.	Size	Opening	Offset	Length
60607	6 x 7mm	12Pt	45°	165mm
60809	8 x 9mm	12Pt	45°	170mm
61011	10 x 11mm	12Pt	45°	185mm
61213	12 x 13mm	12Pt	45°	210mm
61415	14 x 15mm	12Pt	45°	235mm
61617	16 x 17mm	12Pt	45°	240mm
61819	18 x 19mm	12Pt	45°	270mm
62022	20 x 22mm	12Pt	45°	290mm
62123	21 x 23mm	12Pt	45°	325mm
62426	24 x 26mm	12Pt	45°	360mm
62528	25 x 28mm	12Pt	45°	410mm
62730	27 x 30mm	12Pt	45°	465mm
63032	30 x 32mm	12Pt	45°	465mm

Sizes: 1/4" to 1"  
6mm to 24mm

Features:

- Forged from 6140 Alloy Steel
- Ring Ends feature Surface Drive
- Full Mirror Chrome Finish

Sizes: 1.1/16" to 1.5/16"

25mm to 32mm

Features:

- Forged from 6140 Alloy Steel
- Ring Ends feature Double Hex
- Satin Chrome Finish



BM6





### Metric Hi-Performance Long Ring Wrenches

Extra Long High Performance flat double ended ring wrenches used to access hard to reach places where standard wrenches will not go. Full mirror chrome finish and forged from 6140 alloy steel.

#### HPR3 3Pc. Hi-Performance Long Ring Wrenches

Sizes: 8 x 10mm, 12 x 14mm & 17 x 19mm *Metric Sizes*

Supplied in a vinyl wallet.

#### HPR6 6Pc. Hi-Performance Long Ring Wrenches

Sizes: 10 x 11mm, 12 x 14mm, 13 x 15mm, 16 x 18mm,

17 x 19mm, 22 x 24mm *Metric Sizes*

Supplied in Plastic Display Tray.

Individual Sizes:

Available Separately

Part No.	Size	Opening	Length
HPR0810	8 x 10mm	12Pt Long 0° Offset Flat Ring	232mm
HPR1011	10 x 11mm	12Pt Long 0° Offset Flat Ring	292mm
HPR1012	10 x 12mm	12Pt Long 0° Offset Flat Ring	295mm
HPR1113	11 x 13mm	12Pt Long 0° Offset Flat Ring	320mm
HPR1214	12 x 14mm	12Pt Long 0° Offset Flat Ring	325mm
HPR1315	13 x 15mm	12Pt Long 0° Offset Flat Ring	360mm
HPR1417	14 x 17mm	12Pt Long 0° Offset Flat Ring	385mm
HPR1618	16 x 18mm	12Pt Long 0° Offset Flat Ring	405mm
HPR1719	17 x 19mm	12Pt Long 0° Offset Flat Ring	405mm
HPR2224	22 x 24mm	12Pt Long 0° Offset Flat Ring	430mm

### Multi-Lock Long Ring Wrenches (Spline)

Extra Long High Performance flat double ended ring wrenches have the new 12 point spline design which enables the wrench to be use on: 6 Point, 12 point, Square, Torx-r and Spline type fasteners. Full mirror chrome finish and forged from 6140 alloy steel.



**Multi-Lock (Spline) Wrenches fit: Square, Torx-r, Spline, Hexagon 6 point and 12 point fasteners.**

#### HPS5 5Pc. Multi-Lock Long Ring Wrenches (Spline)

Sizes: 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 9/16" x 5/8"

11/16" x 3/4" *SAE Sizes*

Individual Sizes:

Available Separately

Part No.	Size	Opening	Length
HPS0810	1/4" x 5/16"	12Pt Spline 0° Offset Flat Ring	232mm
HPS1214	3/8" x 7/16"	12Pt Spline 0° Offset Flat Ring	292mm
HPS1618	1/2" x 9/16"	12Pt Spline 0° Offset Flat Ring	360mm
HPS1820	9/16" x 5/8"	12Pt Spline 0° Offset Flat Ring	385mm
HPS2224	11/16" x 3/4"	12Pt Spline 0° Offset Flat Ring	405mm

#### HPS6 6Pc. Multi-Lock Long Ring Wrenches (Spline)

Sizes: 8 x 10mm, 11 x 12mm, 13 x 14mm, 15 x 16mm, 17 x 18mm,

19 x 20mm

Individual Sizes:

Available Separately

Part No.	Size	Opening	Length
HPS0608M	6mm x 8mm	12Pt Spline 0° Offset Flat Ring	264mm
Also Fits	1/4" x 5/16" SAE; E8 x E10 Torx; 0 x 0 Square; 0 x 0 Spline		
HPS1011M	10mm x 11mm	12Pt Spline 0° Offset Flat Ring	289mm
Also Fits	3/8" x 7/16" SAE; E12 x E14 Torx; 0 x 0 Square; 0 x 0 Spline		
HPS1314M	13mm x 14mm	12Pt Spline 0° Offset Flat Ring	314mm
Also Fits	1/2" x 9/16" SAE; E16 x E18 Torx; 0 x 0 Square; 0 x 0 Spline		
HPS1416M	14mm x 16mm	12Pt Spline 0° Offset Flat Ring	341mm
Also Fits	9/16" x 5/8" SAE; E18 x E20 Torx; 0 x 0 Square; 0 x 0 Spline		
HPS1618M	16mm x 18mm	12Pt Spline 0° Offset Flat Ring	369mm
Also Fits	5/8" x 11/16" SAE; E20 x E22 Torx; 0 x 0 Square; 0 x 0 Spline		
HPS1819M	18mm x 19mm	12Pt Spline 0° Offset Flat Ring	400mm
Also Fits	11/16" x 3/4" SAE; E22 x E24 Torx; 0 x 0 Square; 0 x 0 Spline		





## SAE Half Moon Wrenches

Designed to reach the hard to get at distributors, carburettor, manifold and air conditioning mounting bolts.

### M5600 5Pc. Half Moon Ring Set (SAE Sizes)

Sizes: 7/16" x 1/2", 9/16" x 5/8", 5/8" x 3/4", 11/16" x 13/16"  
7/8" x 15/16"

Supplied in Plastic Display Tray.

Individual Sizes:

Available Separately

Part No.	Size	Opening	Length
5739	5/16" x 3/8"	12Pt Half Moon Ring	5" (125mm)
5740	7/16" x 1/2"	12Pt Half Moon Ring	6.1/4" (160mm)
5741	9/16" x 5/8"	12Pt Half Moon Ring	7.1/4" (185mm)
5743	5/8" x 3/4"	12Pt Half Moon Ring	7.3/4" (200mm)
5744	11/16" x 13/16"	12Pt Half Moon Ring	7.3/4" (200mm)
5750	7/8" x 15/16"	12Pt Half Moon Ring	8.1/4" (210mm)

## Metric Half Moon Wrenches - Individual Sizes

Designed to reach the hard to get at distributors, carburettor, manifold and air conditioning mounting bolts.

### M5700 5Pc. Half Moon Wrench Set

Sizes: 10 x 12mm, 11 x 13mm, 14 x 17mm, 15 x 19mm, 18 x 21mm.

Supplied in Plastic Display Tray.

Individual Sizes:

Available Separately

Part No.	Size	Opening	Length
M5741	8mm x 10mm	12Pt Half Moon Ring	5" (125mm)
M5742	10mm x 12mm	12Pt Half Moon Ring	5.7/8" (150mm)
M5743	11mm x 13mm	12Pt Half Moon Ring	5.7/8" (150mm)
M5744	14mm x 15mm	12Pt Half Moon Ring	6.3/4" (170mm)
M5745	17mm x 19mm	12Pt Half Moon Ring	7.3/4" (200mm)
M5749	18mm x 21mm	12Pt Half Moon Ring	9" (230mm)
M5747	19mm x 21mm	12Pt Half Moon Ring	9.1/2" (242mm)
M5748	19mm x 22mm	12Pt Half Moon Ring	9.1/2" (242mm)

## GearWrench Double-Ended Ring

### 14004 4Pc SAE Ring GearWrench Set

Sizes: 5/16" x 3/8", 7/16" x 1/2", 9/16" x 5/8", 11/16" x 3/4"

Part No.	Size	Opening	Length
GW1012	5/16" x 3/8"	12Pt Ratchet GearWrench	5" (125mm)
GW1416	7/16" x 1/2"	12Pt Ratchet GearWrench	6.1/4" (160mm)
GW1820	9/16" x 5/8"	12Pt Ratchet GearWrench	7.1/2" (190mm)
GW2224	11/16" x 3/4"	12Pt Ratchet GearWrench	9" (230mm)
GW2830	7/8" x 15/16"	12Pt Ratchet GearWrench	11.1/2" (290mm)
GW3438	1.1/16" x 1.3/16"	12Pt Ratchet GearWrench	13.3/4" (350mm)

### 14106 6Pc Metric Ring GearWrench Set

Sizes: 8 x 9mm, 10 x 11mm, 12 x 13mm, 14 x 15mm, 16 x 18mm  
17 x 19mm

Part No.	Size	Opening	Length
GW0809M	8 x 9mm	12Pt Ratchet GearWrench	5" (125mm)
GW0810M	8 x 10mm	12Pt Ratchet GearWrench	5.3/8" (136mm)
GW1011M	10 x 11mm	12Pt Ratchet GearWrench	5.7/8" (150mm)
GW1213M	12 x 13mm	12Pt Ratchet GearWrench	5.7/8" (150mm)
GW1415M	14 x 15mm	12Pt Ratchet GearWrench	6.3/4" (170mm)
GW1618M	16 x 18mm	12Pt Ratchet GearWrench	7.3/4" (200mm)
GW1719M	17 x 19mm	12Pt Ratchet GearWrench	9" (230mm)
GW2224M	22 x 24mm	12Pt Ratchet GearWrench	11.1/2" (290mm)
GW2730M	27 x 30mm	12Pt Ratchet GearWrench	13.3/4" (350mm)



M5700 5Pc. Set

M5600 5Pc. SAE Set is the same as #M5700 Metric Set

### GearWrench Features:

- 72 Teeth Fine Ratchet Mechanism
- Forged from 6140 Alloy Steel
- Ring End features Surface Drive
- Full Mirror Chrome Finish





### E-Series Torx-r Ring Wrenches

#### 5065 19Pc. Torx-r Double End Ring Wrench Set

**Set Contains:**

**Tamper Torx-r:** T10, T15, T20, T25, T27, T30, T40, T45, T50, T55, T60. **10mm Hex Insert Bits**

**E-Series :** E6 x E8, E7 x E11, E10 x E12, E14 x E18, E16 x E22, E20 x E24. **Double-End Ring Wrenches**

**Adaptors:** E16 ring to 10mm Hex, 1/2" Square drive x 10mm Hex  
Supplied in blow mold case.

**Torx Ring Wrench Individual Sizes:**

**Available Separately**

Part No.	Size	Opening	Length
E0608	E6 x E8	E-Series Torx-r Ring	110mm
E0711	E7 x E11	E-Series Torx-r Ring	135mm
E1012	E10 x E12	E-Series Torx-r Ring	170mm
E1418	E14 x E18	E-Series Torx-r Ring	170mm
E1622	E16 x E22	E-Series Torx-r Ring	200mm
E2024	E20 x E24	E-Series Torx-r Ring	200mm



E2024 Torx Double End Ring



BW1305



BW1304



BW1301

### Ignition Box Wrenches (Individual Sizes)

Part No.	Size	Opening	Length
BW1301	3/16" x 13/64"	6 Point	3" (75mm)
BW1304	1/4" x 9/32"	6 Point	3.1/2" (90mm)
BW1305	5/16" x 11/32"	6 Point	3.7/8" (100mm)

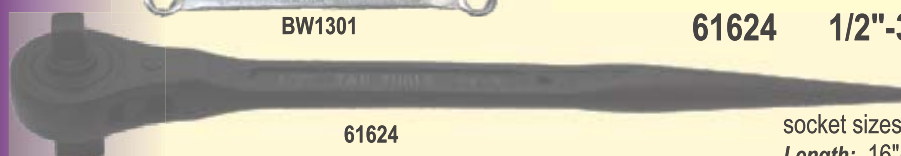
### Double Ended Podger Ratchet Wrenches

#### 61624 1/2"-3/4"Drive Podger Ratchet Wrench

This new 1/2"drive and 3/4"drive double sided ratchet with podger align bar enables the rigger to select the socket sizes needed to carry one tool to the job.

**Length:** 16"(400mm)

**Number of Ratchet Teeth:** 36



61624

**NEW**  
1/2" & 3/4"Drive  
Ratchet

### 12 Point Double Sided Podger Ratchet Wrenches

**12 Point Double Sided Podger Ratchet Wrenches**

**Individual Sizes:**

**Available Separately**

Part No.	Size	Opening	Length	Pawl & Spring
64110	10 x 12mm	12 Point Double sided	240mm	64110-R
64111	11 x 13mm	12 Point Double sided	240mm	64111-R
64114	14 x 15mm	12 Point Double sided	280mm	64114-R
64117	17 x 19mm	12 Point Double sided	315mm	64117-R
64119	19 x 24mm	12 Point Double sided	360mm	64119-R
64121	21 x 23mm	12 Point Double sided	360mm	64121-R
64122	22 x 24mm	12 Point Double sided	360mm	64122-R
64124	24 x 30mm	12 Point Double sided	360mm	64124-R
64127	27 x 30mm	12 Point Double sided	425mm	64127-R
64132	32 x 36mm	12 Point Double sided	425mm	64132-R
64135	38 x 41mm	12 Point Double sided	485mm	64135-R
64146	46 x 50mm	12 Point Double sided	495mm	64146-R

### 6 Point Double Sided Podger Ratchet Wrenches

#### 61317-6P 6 Point Podger Ratchet Wrench

This short handle double sided podger ratchet wrench will allow working in confined areas, when a normal podger ratchet wrench will not go.

**Sizes:** 13mm x 17mm

**Length:** 7"(180mm)

**61317-R Pawl Spring Pin & Ball F/61317 Podger**

#### 61317-6PL 6 Point Long Ratchet Podger Wrench

Same as the No.61317-6P but with a longer shaft for more power.

**Sizes:** 13mm x 17mm

**Length:** 11"(280mm)



61317-6P



61317-6PL



## SAE Ratchet Tube Wrenches

Special ratcheting wrench design allows jaws to be quickly opened and snapped around tube nuts etc. Wrench enables full contact on all six sides of the tube nut. All have 12 point openings.

### 6130 5Pc. SAE Ratchet Tube Wrench Set

Sizes: 3/8", 7/16", 1/2", 9/16", 5/8"  
Supplied in vinyl wallet.

### 6140 7Pc. SAE Ratchet Tube Wrench Set

Sizes: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"  
Supplied in vinyl wallet.

*Individual Sizes:*

*Available Separately*

Part No.	Size	Opening	Length
6131	5/16"	12Pt Ratchet Tube Wrench	5.1/4" (135mm)
6132	3/8"	12Pt Ratchet Tube Wrench	5.1/2" (140mm)
6133	7/16"	12Pt Ratchet Tube Wrench	5.1/2" (140mm)
6134	1/2"	12Pt Ratchet Tube Wrench	5.1/2" (140mm)
6135	9/16"	12Pt Ratchet Tube Wrench	7.1/4" (185mm)
6136	5/8"	12Pt Ratchet Tube Wrench	7.1/4" (185mm)
6137	11/16"	12Pt Ratchet Tube Wrench	7.1/2" (190mm)
6138	3/4"	12Pt Ratchet Tube Wrench	7.1/2" (190mm)
6139	13/16"	12Pt Ratchet Tube Wrench	9.3/8" (240mm)
6141	7/8"	12Pt Ratchet Tube Wrench	9.3/8" (240mm)
6142	15/16"	12Pt Ratchet Tube Wrench	9.3/8" (240mm)
6143	1"	12Pt Ratchet Tube Wrench	9.3/8" (240mm)

## Metric Ratchet Tube Wrenches

Special ratcheting wrench design allows jaws to be quickly opened and snapped around tube nuts etc. Wrench enables full contact on all six sides of the tube nut. All have 12 point openings.

### 6105 5Pc. Metric Ratchet Tube Wrench Set

Sizes: 8mm, 10mm, 12mm, 13mm, 14mm  
Supplied in vinyl wallet

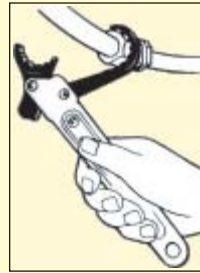
### 6107 7Pc. Metric Ratchet Tube Wrench Set

Sizes: 8mm, 10mm, 12mm, 13mm, 14mm, 17mm, 19mm  
Supplied in vinyl wallet.

*Individual Sizes:*

*Available Separately*

Part No.	Size	Opening	Length
6108	8mm	12Pt Ratchet Tube Wrench	5.1/4" (135mm)
6109	9mm	12Pt Ratchet Tube Wrench	5.1/2" (140mm)
6110	10mm	12Pt Ratchet Tube Wrench	5.1/2" (140mm)
6111	11mm	12Pt Ratchet Tube Wrench	5.1/2" (140mm)
6112	12mm	12Pt Ratchet Tube Wrench	7.1/4" (185mm)
6113	13mm	12Pt Ratchet Tube Wrench	7.1/4" (185mm)
6114	14mm	12Pt Ratchet Tube Wrench	7.1/4" (185mm)
6115	15mm	12Pt Ratchet Tube Wrench	7.1/2" (190mm)
6116	16mm	12Pt Ratchet Tube Wrench	7.1/2" (190mm)
6117	17mm	12Pt Ratchet Tube Wrench	9.3/8" (240mm)
6118	18mm	12Pt Ratchet Tube Wrench	9.3/8" (240mm)
6119	19mm	12Pt Ratchet Tube Wrench	9.3/8" (240mm)
6121	21mm	12Pt Ratchet Tube Wrench	9.3/8" (240mm)
6122	22mm	12Pt Ratchet Tube Wrench	9.3/8" (240mm)



6130



6140



6105



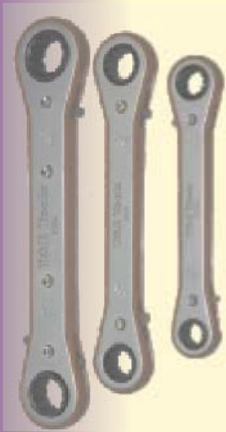
6107



### SAE Straight Ratchet Ring Wrenches

#### 5550 3Pc. SAE Ratchet Ring Set (12 Point)

Sizes: 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16"  
Supplied in vinyl storage pouch.



5550



5551

#### 5551 5Pc. SAE Ratchet Ring Set (12 Point)

Sizes: 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16"  
3/4" x 7/8". Supplied in vinyl wallet.

Individual Sizes:

Available Separately

Part No.	Size	Opening	Length
5501	1/4" x 5/16"	6 & 12Pt Ratchet Ring	4.1/4"
5503	3/8" x 7/16"	12Pt Ratchet Ring	5.1/2"
5505	1/2" x 9/16"	12Pt Ratchet Ring	6.3/4"
5506	5/8" x 11/16"	12Pt Ratchet Ring	8"
5507	3/4" x 7/8"	12Pt Ratchet Ring	9.1/4"
5508	13/16" x 15/16"	12Pt Ratchet Ring	9.1/4"
5510	1" x 1.1/16"	12Pt Ratchet Ring	15"
5509	1.1/16" x 1.1/8"	12Pt Ratchet Ring	15"
5511	1.1/8" x 1.3/16"	12Pt Ratchet Ring	15.1/4"

### Straight Ratchet Ring Wrenches Metric Sizes

#### 5553 3Pc. Metric Ratchet Ring Set (12Point)

Sizes: 8 x 10mm, 11 x 12mm, 13 x 14mm  
Supplied in vinyl storage pouch.



5553



5555

#### 5555 5Pc. Metric Ratchet Ring Set (6 & 12 Point)

Sizes: 7 x 9mm, 8 x 10mm, 11 x 12mm, 13 x 14mm, 15 x 17mm  
Supplied in vinyl wallet.

Individual Sizes:

Available Separately

Part No.	Size	Opening	Length
5519	6 x 8mm	6Pt & 12Pt Ratchet Ring	110mm
5520	7 x 9mm	6Pt & 12Pt Ratchet Ring	110mm
5521	8 x 10mm	12Pt Ratchet Ring	140mm
5522	11 x 12mm	12Pt Ratchet Ring	170mm
5523	13 x 14mm	12Pt Ratchet Ring	170mm
5524	15 x 17mm	12Pt Ratchet Ring	205mm
5525	16 x 18mm	12Pt Ratchet Ring	205mm
5526	19 x 21mm	12Pt Ratchet Ring	235mm

### Four Sizes in One Ratchet Ring Wrenches

#### F5544 4Pc. Metric Quad Size Ratchet Ring Set

Sizes: 6x8mm & 10x12mm, 9x10mm & 11x12mm  
10x12mm & 13x14mm, 13x14mm & 17x19mm  
12 Point openings

Supplied in vinyl pouch.

Individual Sizes:

Available Separately

Part No.	Size End "A"	Size End "B"	Length
F6802	6 x 8mm 6Pt	10 x 12mm	5.1/2" (140mm)
F9012	9 x 10mm	11 x 12mm	6.1/2" (140mm)
F0234	10 x 12mm	13 x 14mm	6.3/4" (170mm)
F3479	13 x 14mm	17 x 19mm	8.1/8" (205mm)

#### F5533 3Pc. SAE Quad Size Ratchet Ring

Sizes: 3/8" x 9/32" & 1/4" x 5/16", 7/16" x 1/2" & 9/16" x 5/8" 6Pt  
11/16" x 3/4" & 13/16" x 7/8" 12Pt

Supplied in vinyl pouch.

Individual Sizes:

Available Separately

Part No.	Size End "A"	Size End "B"	Length
F0709	3/8" x 9/32" 6Pt	1/4" x 5/16"	5.1/2" (140mm)
F1214	7/16" x 1/2" 6Pt	9/16" x 5/8"	6.1/2" (140mm)
F2022	11/16" x 3/4"	13/16" x 7/8"	8.1/8" (205mm)



No.F5544 4Pc. Set



No.F5533 3Pc. Set



## Offset Ratchet Ring Wrenches

### 5571 3Pc. SAE Offset Ratchet Ring Set (12 Point)

Sizes: 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16"  
Supplied in vinyl storage pouch.



5571 3Pc. SAE Set.



5572 5Pc. SAE Set

### 5572 5Pc. SAE Offset Ratchet Ring Set (12 Point)

Sizes: 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 11/16",  
3/4" x 7/8"  
Supplied in vinyl wallet.

Individual Sizes:

Available Separately

Part No.	Size	Opening	Length
5540	1/4" x 5/16"	6Pt & 12Pt Offset Ratchet Ring	4.1/4"
5542	3/8" x 7/16"	12Pt Offset Ratchet Ring	5.1/2"
5544	1/2" x 9/16"	12Pt Offset Ratchet Ring	6.3/4"
5546	5/8" x 11/16"	12Pt Offset Ratchet Ring	7.3/4"
5547	3/4" x 7/8"	12Pt Offset Ratchet Ring	8.3/4"

## Offset Ratchet Ring Wrenches

### 5573 3Pc. Metric Offset Ratchet Ring Set (12 Point)

Sizes: 8 x 10mm, 11 x 13mm, 12 x 14mm  
Supplied in vinyl storage pouch.



5573 3Pc. Metric Set.



5575 5Pc. Metric Set

### 5575 5Pc. Metric Offset Ratchet Ring Set (12 Point)

Sizes: 8 x 10mm, 11 x 13mm, 12 x 14mm  
15 x 17mm, 16 x 18mm  
Supplied in vinyl storage pouch.

### 5589 8Pc. Metric Offset Ratchet Ring Set (12 Point)

Sizes: 6 x 8mm, 7 x 9mm, 8 x 10mm, 11 x 13mm,  
12 x 14mm, 15 x 17mm, 16 x 18mm, 19 x 21mm  
Supplied in vinyl wallet. (Not Illustrated)

Individual Sizes:

Available Separately

Part No.	Size	Opening	Length
5559	6 x 8mm	6Pt & 12Pt Offset Ratchet Ring	110mm
5560	7 x 9mm	6Pt & 12Pt Offset Ratchet Ring	130mm
5561	8 x 10mm	12Pt Offset Ratchet Ring	130mm
5562	10 x 12mm	12Pt Offset Ratchet Ring	140mm
5563	11 x 13mm	12Pt Offset Ratchet Ring	165mm
5566	12 x 14mm	12Pt Offset Ratchet Ring	170mm
5564	15 x 17mm	12Pt Offset Ratchet Ring	205mm
5565	16 x 18mm	12Pt Offset Ratchet Ring	205mm
5567	19 x 21mm	12Pt Offset Ratchet Ring	230mm



5589 8Pc. Metric Set

## Heavy-Duty Offset Ratchet Rings

Heavy industrial pattern 45° offset double end 12 point Ratchet Ring Wrenches with 24 teeth pawl that will withstand heavy use.  
Super satin chrome finish.

### GW7S 7Pc. Heavy-Duty Offset Ratchet Ring Set

Sizes: 10 x 11mm, 12 x 14mm, 15 x 16mm, 13 x 17mm  
19 x 22mm, 24 x 27mm, 30 x 32mm  
Set is packed in crafted timber case with felt lining.

Individual Sizes:

Available Separately

Part No.	Size	Opening	Length
GW-1M	10 x 11mm	12Pt H-Duty Offset Ratchet Ring	205mm
GW-2M	12 x 14mm	12Pt H-Duty Offset Ratchet Ring	235mm
GW-3M	15 x 16mm	12Pt H-Duty Offset Ratchet Ring	255mm
GW-4M	13 x 17mm	12Pt H-Duty Offset Ratchet Ring	265mm
GW-5M	19 x 22mm	12Pt H-Duty Offset Ratchet Ring	320mm
GW-6M	24 x 27mm	12Pt H-Duty Offset Ratchet Ring	385mm
GW-7M	30 x 32mm	12Pt H-Duty Offset Ratchet Ring	410mm



GW7S



### Construction Wrenches (Offset Ring)

#### Offset Ring Podger Wrenches (SAE Sizes)

Wrenches are forged from Alloy Steel, heat treated with black phosphate surface finish.

*Individual Sizes:*

*Available Separately*

Part No.	Size	Metric Equiv.	Description	Length
31232A	1"	25.4mm	Offset Podger Construction Wrench	350mm
31234A	1.1/16"	27mm	Offset Podger Construction Wrench	370mm
31236A	1.1/8"	29mm	Offset Podger Construction Wrench	400mm
31238A	1.3/16"	30mm	Offset Podger Construction Wrench	400mm
31240A	1.1/4"	31.75mm	Offset Podger Construction Wrench	420mm
31242A	1.5/16"	33.3mm	Offset Podger Construction Wrench	420mm
31244A	1.3/8"	35mm	Offset Podger Construction Wrench	450mm
31246A	1.7/16"	36.5mm	Offset Podger Construction Wrench	450mm
31248A	1.1/2"	38mm	Offset Podger Construction Wrench	480mm
31252A	1.5/8"	41mm	Offset Podger Construction Wrench	480mm
31254A	1.11/16"	43mm	Offset Podger Construction Wrench	480mm
31256A	1.3/4"	44.5mm	Offset Podger Construction Wrench	500mm
31260A	1.7/8"	48mm	Offset Podger Construction Wrench	500mm
31262A	1.15/16"	49mm	Offset Podger Construction Wrench	520mm
31264A	2"	50.8mm	Offset Podger Construction Wrench	520mm
31266A	2.1/16"	52.4mm	Offset Podger Construction Wrench	540mm
31268A	2.1/8"	54mm	Offset Podger Construction Wrench	540mm
31272A	2.1/4"	57mm	Offset Podger Construction Wrench	550mm
31276A	2.3/8"	60.3mm	Offset Podger Construction Wrench	550mm
31278A	2.7/16"	62mm	Offset Podger Construction Wrench	550mm
31280A	2.1/2"	63.5mm	Offset Podger Construction Wrench	560mm
31284A	2.5/8"	66.7mm	Offset Podger Construction Wrench	570mm
31288A	2.3/4"	70mm	Offset Podger Construction Wrench	570mm
31296A	3"	76.2mm	Offset Podger Construction Wrench	580mm
31299A	3.1/2"	88.9mm	Offset Podger Construction Wrench	610mm

#### Offset Ring Podger Wrenches (Metric Sizes)

*Individual Sizes:*

*Available Separately*

Part No.	Size	SAE Equiv.	Description	Length
31222	22mm	7/8"	Offset Podger Construction Wrench	330mm
31224	24mm	15/16"	Offset Podger Construction Wrench	350mm
31227	27mm	1.1/16"	Offset Podger Construction Wrench	370mm
31230	30mm	1.3/16"	Offset Podger Construction Wrench	400mm
31232	32mm	1.1/4"	Offset Podger Construction Wrench	420mm
31234	34mm	1.5/16"	Offset Podger Construction Wrench	450mm
31235	35mm	1.3/8"	Offset Podger Construction Wrench	450mm
31236	36mm	1.7/16"	Offset Podger Construction Wrench	450mm
31238	38mm	1.1/2"	Offset Podger Construction Wrench	480mm
31241	41mm	1.5/8"	Offset Podger Construction Wrench	480mm
31246	46mm	1.13/16"	Offset Podger Construction Wrench	500mm
31250	50mm	2"	Offset Podger Construction Wrench	520mm
31255	55mm	2.3/16"	Offset Podger Construction Wrench	540mm
31260	60mm	2.3/8"	Offset Podger Construction Wrench	550mm
31265	65mm	2.9/16"	Offset Podger Construction Wrench	560mm
31270	70mm	2.3/4"	Offset Podger Construction Wrench	570mm
31275	75mm	2.15/16"	Offset Podger Construction Wrench	580mm
31280	80mm	3.1/8"	Offset Podger Construction Wrench	590mm
31285	85mm	3.3/8"	Offset Podger Construction Wrench	600mm
31290	90mm	3.9/16"	Offset Podger Construction Wrench	610mm
31295	95mm	3.3/4"	Offset Podger Construction Wrench	620mm
312100	100mm	3.15/16"	Offset Podger Construction Wrench	630mm
312105	105mm	4.1/8"	Offset Podger Construction Wrench	640mm
312110	110mm	4.5/16"	Offset Podger Construction Wrench	650mm
312115	115mm	4.1/2"	Offset Podger Construction Wrench	660mm
312120	120mm	4.3/4"	Offset Podger Construction Wrench	670mm



## Slogging Wrench Flat Ring Type (SAE Sizes)

Slogging Wrenches are forged from high grade Alloy Steel, heat treated with black phosphate surface finish.

*Individual Sizes:*

*Available Separately*

Part No.	Size	Metric Equiv.	Description	Length
SW1032A	1"	25.4mm	Slogging Wrench Flat Ring	165mm
SW1034A	1.1/16"	27mm	Slogging Wrench Flat Ring	190mm
SW1036A	1.1/8"	29mm	Slogging Wrench Flat Ring	190mm
SW1038A	1.3/16"	30mm	Slogging Wrench Flat Ring	190mm
SW1040A	1.1/4"	31.75mm	Slogging Wrench Flat Ring	200mm
SW1042A	1.5/16"	33.3mm	Slogging Wrench Flat Ring	200mm
SW1044A	1.3/8"	35mm	Slogging Wrench Flat Ring	200mm
SW1046A	1.7/16"	36.5mm	Slogging Wrench Flat Ring	210mm
SW1048A	1.1/2"	38mm	Slogging Wrench Flat Ring	210mm
SW1050A	1.9/16"	39.7mm	Slogging Wrench Flat Ring	230mm
SW1052A	1.5/8"	41mm	Slogging Wrench Flat Ring	230mm
SW1054A	1.11/16"	43mm	Slogging Wrench Flat Ring	250mm
SW1056A	1.3/4"	44.5mm	Slogging Wrench Flat Ring	250mm
SW1058A	1.13/16"	46mm	Slogging Wrench Flat Ring	250mm
SW1060A	1.7/8"	48mm	Slogging Wrench Flat Ring	250mm
SW1062A	1.15/16"	49mm	Slogging Wrench Flat Ring	250mm
SW1064A	2"	50.8mm	Slogging Wrench Flat Ring	250mm
SW1066A	2.1/16"	52.4mm	Slogging Wrench Flat Ring	260mm
SW1068A	2.1/8"	54mm	Slogging Wrench Flat Ring	270mm
SW1072A	2.1/4"	57mm	Slogging Wrench Flat Ring	270mm
SW1074A	2.3/8"	60.3mm	Slogging Wrench Flat Ring	290mm
SW1076A	2.7/16"	62mm	Slogging Wrench Flat Ring	290mm
SW1080A	2.1/2"	63.5mm	Slogging Wrench Flat Ring	295mm
SW1084A	2.5/8"	66.7mm	Slogging Wrench Flat Ring	295mm
SW1088A	2.3/4"	70mm	Slogging Wrench Flat Ring	310mm
SW1092A	2.7/8"	73mm	Slogging Wrench Flat Ring	325mm
SW1096A	3"	76.2mm	Slogging Wrench Flat Ring	325mm
SW1100A	3.1/8"	80mm	Slogging Wrench Flat Ring	340mm
SW1104A	3.1/4"	82.5mm	Slogging Wrench Flat Ring	355mm
SW1108A	3.3/8"	85mm	Slogging Wrench Flat Ring	355mm
SW1112A	3.1/2"	88.9mm	Slogging Wrench Flat Ring	390mm

**Forged from SCM440  
Chrome Molybdenum  
Alloy Steel. Heat treated.  
Black phosphate finish.**

## Slogging Wrench Flat Ring Type (Metric Sizes)

Slogging Wrenches are forged from high grade Alloy Steel, heat treated with black phosphate surface finish.

*Individual Sizes:*

*Available Separately*

Part No.	Size	Description	Length
SW1019	19mm	Slogging Wrench Flat Ring	165mm
SW1022	22mm	Slogging Wrench Flat Ring	165mm
SW1024	24mm	Slogging Wrench Flat Ring	165mm
SW1027	27mm	Slogging Wrench Flat Ring	190mm
SW1030	30mm	Slogging Wrench Flat Ring	190mm
SW1032	32mm	Slogging Wrench Flat Ring	200mm
SW1034	34mm	Slogging Wrench Flat Ring	200mm
SW1035	35mm	Slogging Wrench Flat Ring	200mm
SW1036	36mm	Slogging Wrench Flat Ring	210mm
SW1038	38mm	Slogging Wrench Flat Ring	210mm
SW1041	41mm	Slogging Wrench Flat Ring	230mm
SW1046	46mm	Slogging Wrench Flat Ring	250mm
SW1050	50mm	Slogging Wrench Flat Ring	250mm
SW1054	54mm	Slogging Wrench Flat Ring	270mm
SW1055	55mm	Slogging Wrench Flat Ring	270mm

*Individual Sizes:*

*Available Separately*

Part No.	Size	Description	Length
SW1058	58mm	Slogging Wrench Flat Ring	270mm
SW1060	60mm	Slogging Wrench Flat Ring	290mm
SW1063	63mm	Slogging Wrench Flat Ring	290mm
SW1065	65mm	Slogging Wrench Flat Ring	290mm
SW1070	70mm	Slogging Wrench Flat Ring	310mm
SW1075	75mm	Slogging Wrench Flat Ring	325mm
SW1080	80mm	Slogging Wrench Flat Ring	340mm
SW1085	85mm	Slogging Wrench Flat Ring	355mm
SW1090	90mm	Slogging Wrench Flat Ring	390mm
SW1095	95mm	Slogging Wrench Flat Ring	390mm
SW10100	100mm	Slogging Wrench Flat Ring	420mm
SW10105	105mm	Slogging Wrench Flat Ring	420mm
SW10110	110mm	Slogging Wrench Flat Ring	450mm
SW10115	115mm	Slogging Wrench Flat Ring	450mm
SW10120	120mm	Slogging Wrench Flat Ring	480mm





### Open End Wrenches (SAE sizes)

Open End Wrenches are forged from high grade Chrome Alloy Steel, heat treated, satin chrome surface finish with polished heads.

#### EW106 6 Pc SAE Open-End Wrench Set

Sizes: 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 3/4", 11/16" x 13/16", 3/4" x 7/8". Supplied in vinyl pouch.

#### EW110 9 Pc SAE Open-End Wrench Set

Sizes: 1/4" x 5/16", 3/8" x 7/16", 1/2" x 9/16", 5/8" x 3/4", 11/16" x 13/16", 3/4" x 7/8", 15/16" x 1", 1.1/16" x 1.1/8", 1.1/4" x 1.5/16". Supplied in vinyl pouch.

Individual Sizes:

Available Separately

Part No.	Size	Description	Length
BWE-0810	1/4" x 5/16"	Open-End Wrench	
BWE-1214	3/8" x 7/16"	Open-End Wrench	
BWE-1618	1/2" x 9/16"	Open-End Wrench	
BWE-2024	5/8" x 3/4"	Open-End Wrench	
BWE-2226	11/16" x 13/16"	Open-End Wrench	
BWE-2428	3/4" x 7/8"	Open-End Wrench	
BWE-2830	7/8" x 15/16"	Open-End Wrench	
BWE-3032	15/16" x 1"	Open-End Wrench	
BWE-3436	1.1/16" x 1.1/8"	Open-End Wrench	
BWE-4042	1.1/4" x 1.5/16"	Open-End Wrench	

### Open End Wrenches (Metric sizes)

#### EW107-M 7 Pc Metric Open-End Wrench Set

Sizes: 6 x 7mm, 8 x 9mm, 10 x 11mm, 12 x 13mm, 14 x 15mm, 16 x 18mm, 17 x 19mm. Supplied in vinyl pouch.

Individual Sizes:

Available Separately

Part No.	Size	Description	Length
BWE-67M	6mm x 7mm	Open-End Wrench	
BWE-89M	8mm x 9mm	Open-End Wrench	
BWE-1011M	10mm x 11mm	Open-End Wrench	
BWE-1213M	12mm x 13mm	Open-End Wrench	
BWE-1415M	14mm x 15mm	Open-End Wrench	
BWE-1617M	16mm x 17mm	Open-End Wrench	
BWE-1618M	16mm x 18mm	Open-End Wrench	
BWE-1719M	17mm x 19mm	Open-End Wrench	
BWE-2022M	20mm x 22mm	Open-End Wrench	
BWE-2123M	21mm x 23mm	Open-End Wrench	
BWE-2426M	24mm x 26mm	Open-End Wrench	
BWE-2528M	25mm x 28mm	Open-End Wrench	
BWE-2732M	27mm x 32mm	Open-End Wrench	
BWE-3032M	30mm x 32mm	Open-End Wrench	

### Ignition Wrenches

#### No.5580

#### 8Pc. SAE Ignition Wrench Set

Sizes: 7/32", 15/64", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16". Supplied in vinyl pouch.

Individual Sizes: Available Separately

Part No.	15° & 75° Opening	Length
5583-A	7/32" x 7/32"	3.3/8"
5584-A	15/64" x 15/64"	3.1/2"
5581-A	1/4" x 1/4"	3.9/16"
5582-A	9/32" x 9/32"	3.3/4"
5585-A	5/16" x 5/16"	3.3/4"
5586-A	11/32" x 11/32"	4"
5587-A	3/8" x 3/8"	4.1/8"
5588-A	7/16" x 7/16"	4.1/4"

#### No.5490

#### 6Pc. Metric Ignition Wrench Set

Sizes: 3.2 x 4mm, 4 x 5mm, 5 x 5.5mm, 5.5 x 6mm, 6 x 7mm, 7 x 8mm. Supplied in vinyl pouch.

Individual Sizes: Available Separately

Part No.	15° Opening Ends	Length
5491	3.2 x 4mm	70mm
5492	4 x 5mm	70mm
5493	5 x 5.5mm	80mm
5494	5.5 x 6mm	80mm
5495	6 x 7mm	80mm
5496	7 x 8mm	90mm

#### No.5530

#### 8Pc. Metric Ignition Wrench Set

Sizes: 5mm, 5.5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm. Supplied in vinyl pouch.

Individual Sizes: Available Separately

Part No.	15° & 75° Opening	Length
5531-A	5 x 5mm	85mm
5532-A	5.5 x 5.5mm	88mm
5533-A	6 x 6mm	90mm
5534-A	7 x 7mm	94mm
5535-A	8 x 8mm	95mm
5536-A	9 x 9mm	100mm
5537-A	10 x 10mm	105mm
5538-A	11 x 11mm	108mm



## Offset Open-End Podger Wrenches (SAE Sizes)

Wrenches are forged from Alloy Steel, heat treated with black phosphate surface finish.

**Individual Sizes:**

**Available Separately**

Part No.	Size	Metric Equiv.	Description	Length
BS1203	5/8"	15.8mm	Offset Open-End Podger Wrench	240mm
BS1204	11/16"	17.4mm	Offset Open-End Podger Wrench	240mm
BS1205	3/4"	19mm	Offset Open-End Podger Wrench	240mm
BS1206	13/16"	20.6mm	Offset Open-End Podger Wrench	280mm
BS1207	7/8"	22mm	Offset Open-End Podger Wrench	280mm
BS1208	15/16"	24mm	Offset Open-End Podger Wrench	280mm
BS1209	1"	25.4mm	Offset Open-End Podger Wrench	300mm
BS1210	1.1/16"	27mm	Offset Open-End Podger Wrench	300mm
BS1211	1.1/8"	29mm	Offset Open-End Podger Wrench	340mm
BS1212	1.1/4"	31.75mm	Offset Open-End Podger Wrench	340mm
BS1213	1.5/16"	33.3mm	Offset Open-End Podger Wrench	340mm
BS1214	1.3/8"	35mm	Offset Open-End Podger Wrench	360mm
BS1215	1.7/16"	36.5mm	Offset Open-End Podger Wrench	360mm
BS1216	1.1/2"	38mm	Offset Open-End Podger Wrench	380mm
BS1217	1.5/8"	41mm	Offset Open-End Podger Wrench	380mm
BS1218	1.11/16"	43mm	Offset Open-End Podger Wrench	380mm
BS1219	1.3/4"	44.5mm	Offset Open-End Podger Wrench	400mm
BS1220	1.13/16"	46mm	Offset Open-End Podger Wrench	400mm
BS1221	1.7/8"	48mm	Offset Open-End Podger Wrench	400mm
BS1222	1.15/16"	49mm	Offset Open-End Podger Wrench	420mm
BS1223	2"	50.8mm	Offset Open-End Podger Wrench	420mm
BS1224	2.1/16"	52.4mm	Offset Open-End Podger Wrench	440mm
BS1225	2.1/8"	54mm	Offset Open-End Podger Wrench	440mm
BS1226	2.1/4"	57mm	Offset Open-End Podger Wrench	460mm
BS1228	2.3/8"	60.3mm	Offset Open-End Podger Wrench	460mm

## Offset Podger Construction Wrenches (Metric Sizes)

**Individual Sizes:**

**Available Separately**

Part No.	Size	SAE Equiv.	Description	Length
BS3022	22mm	7/8"	Offset Open-End Podger Wrench	280mm
BS3024	24mm	15/16"	Offset Open-End Podger Wrench	280mm
BS3027	27mm	1.1/16"	Offset Open-End Podger Wrench	300mm
BS3030	30mm	1.3/16"	Offset Open-End Podger Wrench	340mm
BS3032	32mm	1.1/4"	Offset Open-End Podger Wrench	340mm
BS3034	34mm	1.5/16"	Offset Open-End Podger Wrench	360mm
BS3035	35mm	1.3/8"	Offset Open-End Podger Wrench	360mm
BS3036	36mm	1.7/16"	Offset Open-End Podger Wrench	360mm
BS3038	38mm	1.1/2"	Offset Open-End Podger Wrench	380mm
BS3041	41mm	1.5/8"	Offset Open-End Podger Wrench	380mm
BS3046	46mm	1.13/16"	Offset Open-End Podger Wrench	400mm
BS3050	50mm	2"	Offset Open-End Podger Wrench	420mm
BS3055	55mm	2.3/16"	Offset Open-End Podger Wrench	440mm
BS3060	60mm	2.3/8"	Offset Open-End Podger Wrench	460mm
BS3065	65mm	2.9/16"	Offset Open-End Podger Wrench	480mm
BS3070	70mm	2.3/4"	Offset Open-End Podger Wrench	500mm
BS3075	75mm	2.15/16"	Offset Open-End Podger Wrench	520mm
BS3080	80mm	3.1/8"	Offset Open-End Podger Wrench	540mm
BS3085	85mm	3.3/8"	Offset Open-End Podger Wrench	
BS3090	90mm	3.9/16"	Offset Open-End Podger Wrench	
BS3095	95mm	3.3/4"	Offset Open-End Podger Wrench	
BS3100	100mm	3.15/16"	Offset Open-End Podger Wrench	
BS3105	105mm	4.1/8"	Offset Open-End Podger Wrench	
BS3110	110mm	4.5/16"	Offset Open-End Podger Wrench	
BS3115	115mm	4.1/2"	Offset Open-End Podger Wrench	
BS3120	120mm	4.3/4"	Offset Open-End Podger Wrench	

**Construction  
Wrenches  
(Open-End)**



### Slogging Wrench Flat Ring Type (SAE Sizes)

Slogging Wrenches are forged from high grade Alloy Steel, heat treated with black phosphate surface finish.

*Individual Sizes:*

*Available Separately*

Part No.	Size	Metric Equiv.	Description	Length
SW30432A	1"	25.4mm	Slogging Wrench Flat Open-End	165mm
SW30434A	1.1/16"	27mm	Slogging Wrench Flat Open-End	165mm
SW30436A	1.1/8"	29mm	Slogging Wrench Flat Open-End	180mm
SW30438A	1.3/16"	30mm	Slogging Wrench Flat Open-End	180mm
SW30448A	1.1/4"	31.75mm	Slogging Wrench Flat Open-End	190mm
SW30442A	1.5/16"	33.3mm	Slogging Wrench Flat Open-End	190mm
SW30444A	1.3/8"	35mm	Slogging Wrench Flat Open-End	210mm
SW30446A	1.7/16"	36.5mm	Slogging Wrench Flat Open-End	210mm
SW30448A	1.1/2"	38mm	Slogging Wrench Flat Open-End	230mm
SW30450A	1.9/16"	39.7mm	Slogging Wrench Flat Open-End	230mm
SW30452A	1.5/8"	41mm	Slogging Wrench Flat Open-End	230mm
SW30454A	1.11/16"	43mm	Slogging Wrench Flat Open-End	230mm
SW30456A	1.3/4"	44.5mm	Slogging Wrench Flat Open-End	240mm
SW30458A	1.13/16"	46mm	Slogging Wrench Flat Open-End	240mm
SW30460A	1.7/8"	48mm	Slogging Wrench Flat Open-End	240mm
SW30462A	1.15/16"	49mm	Slogging Wrench Flat Open-End	255mm
SW30464A	2"	50.8mm	Slogging Wrench Flat Open-End	255mm
SW30466A	2.1/16"	52.4mm	Slogging Wrench Flat Open-End	272mm
SW30468A	2.1/8"	54mm	Slogging Wrench Flat Open-End	272mm
SW30472A	2.1/4"	57mm	Slogging Wrench Flat Open-End	290mm
SW30474A	2.3/8"	60.3mm	Slogging Wrench Flat Open-End	290mm
SW30476A	2.7/16"	62mm	Slogging Wrench Flat Open-End	290mm
SW30480A	2.1/2"	63.5mm	Slogging Wrench Flat Open-End	307mm
SW30484A	2.5/8"	66.7mm	Slogging Wrench Flat Open-End	307mm
SW30488A	2.3/4"	70mm	Slogging Wrench Flat Open-End	325mm
SW30492A	2.7/8"	73mm	Slogging Wrench Flat Open-End	343mm
SW30496A	3"	76.2mm	Slogging Wrench Flat Open-End	343mm
SW30497A	3.1/8"	80mm	Slogging Wrench Flat Open-End	360mm
SW30498A	3.1/4"	82.5mm	Slogging Wrench Flat Open-End	380mm
SW30500A	3.3/8"	85mm	Slogging Wrench Flat Open-End	380mm
SW30499A	3.1/2"	88.9mm	Slogging Wrench Flat Open-End	400mm

### Slogging Wrench Flat Ring Type (Metric Sizes)

Slogging Wrenches are forged from high grade Alloy Steel, heat treated with black phosphate surface finish.

*Individual Sizes:*

*Available Separately*

*Individual Sizes:*

*Available Separately*

Part No.	Size	Description	Length
SW30419	19mm	Slogging Wrench Flat Open-End	125mm
SW30422	22mm	Slogging Wrench Flat Open-End	135mm
SW30424	24mm	Slogging Wrench Flat Open-End	150mm
SW30427	27mm	Slogging Wrench Flat Open-End	165mm
SW30430	30mm	Slogging Wrench Flat Open-End	180mm
SW30432	32mm	Slogging Wrench Flat Open-End	190mm
SW30434	34mm	Slogging Wrench Flat Open-End	210mm
SW30435	35mm	Slogging Wrench Flat Open-End	210mm
SW30436	36mm	Slogging Wrench Flat Open-End	210mm
SW30438	38mm	Slogging Wrench Flat Open-End	230mm
SW30441	41mm	Slogging Wrench Flat Open-End	230mm
SW30446	46mm	Slogging Wrench Flat Open-End	240mm
SW30450	50mm	Slogging Wrench Flat Open-End	255mm
SW30454	54mm	Slogging Wrench Flat Open-End	272mm
SW30455	55mm	Slogging Wrench Flat Open-End	272mm
SW30458	58mm	Slogging Wrench Flat Open-End	290mm

Part No.	Size	Description	Length
SW30460	60mm	Slogging Wrench Flat Open-End	290mm
SW30463	63mm	Slogging Wrench Flat Open-End	307mm
SW30465	65mm	Slogging Wrench Flat Open-End	307mm
SW30470	70mm	Slogging Wrench Flat Open-End	325mm
SW30475	75mm	Slogging Wrench Flat Open-End	343mm
SW30480	80mm	Slogging Wrench Flat Open-End	360mm
SW30485	85mm	Slogging Wrench Flat Open-End	380mm
SW30490	90mm	Slogging Wrench Flat Open-End	400mm
SW30495	95mm	Slogging Wrench Flat Open-End	400mm
SW304100	100mm	Slogging Wrench Flat Open-End	430mm
SW304105	105mm	Slogging Wrench Flat Open-End	430mm
SW304110	110mm	Slogging Wrench Flat Open-End	465mm
SW304115	115mm	Slogging Wrench Flat Open-End	465mm
SW304120	120mm	Slogging Wrench Flat Open-End	500mm
SW304125	125mm	Slogging Wrench Flat Open-End	500mm



## Open-End Angle Wrenches (10° - 60° Offset)

- 49052 1.5/8" Angle Open End Wrench
- 49056 1.3/4" Angle Open End Wrench
- 49060 1.7/8" Angle Open End Wrench
- 49064 2" Angle Open End Wrench



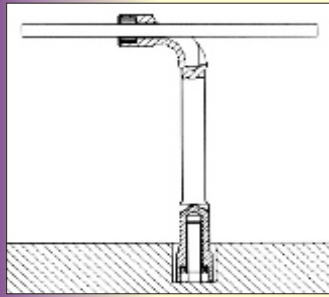
## Single Opening Wrenches (Long Handle)

Individual Sizes:

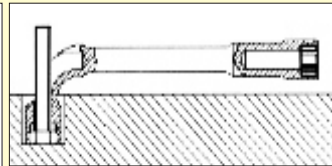
Available Separately

Part No.	Size	SAE Equiv.	Description	Length
3302-22	22mm	7/8"	Long Single Open-End Wrench	180mm
3302-24	24mm	15/16"	Long Single Open-End Wrench	196mm
3302-27	27mm	1.1/16"	Long Single Open-End Wrench	225mm
3302-30	30mm	1.3/16"	Long Single Open-End Wrench	255mm
3302-32	32mm	1.1/4"	Long Single Open-End Wrench	275mm
3302-34	34mm	1.5/16"	Long Single Open-End Wrench	300mm
3302-35	35mm	1.3/8"	Long Single Open-End Wrench	300mm
3302-36	36mm	1.7/16"	Long Single Open-End Wrench	300mm
3302-38	38mm	1.1/2"	Long Single Open-End Wrench	325mm
3302-41	41mm	1.5/8"	Long Single Open-End Wrench	325mm
3302-46	46mm	1.13/16"	Long Single Open-End Wrench	350mm
3302-50	50mm	2"	Long Single Open-End Wrench	370mm
3302-54	54mm	2.1/8"	Long Single Open-End Wrench	390mm
3302-55	55mm	2.3/16"	Long Single Open-End Wrench	390mm
3302-58	58mm		Long Single Open-End Wrench	420mm
3302-60	60mm	2.3/8"	Long Single Open-End Wrench	420mm
3302-63	63mm		Long Single Open-End Wrench	450mm
3302-65	65mm	2.9/16"	Long Single Open-End Wrench	450mm
3302-683	68.3mm	2.11/16"	Long Single Open-End Wrench	475mm
3302-70	70mm	2.3/4"	Long Single Open-End Wrench	475mm
3302-75	75mm	2.15/16"	Long Single Open-End Wrench	500mm
3302-80	80mm	3.1/8"	Long Single Open-End Wrench	525mm
3302-85	85mm	3.3/8"	Long Single Open-End Wrench	545mm
3302-90	90mm	3.9/16"	Long Single Open-End Wrench	555mm
3302-95	95mm	3.3/4"	Long Single Open-End Wrench	560mm
3302-100	100mm	3.15/16"	Long Single Open-End Wrench	565mm
3302-105	105mm	4.1/8"	Long Single Open-End Wrench	570mm
3302-110	110mm	4.5/16"	Long Single Open-End Wrench	575mm
3302-115	115mm	4.1/2"	Long Single Open-End Wrench	580mm
3302-120	120mm	4.3/4"	Long Single Open-End Wrench	585mm





Spinner action using  
Tommy Bar



Hollow Thru Design

12 Point  
End



6 Point  
End

T9326 Thru T93236



13099 8 PC. Set

For reaching studs around gear box bell housings

CR302-10

Lever action Universal applications

CR302-12

Overall Length: 18.1/2"(455mm)

CR302-14

### Combination Angle Wrench

#### T9222 12Pc. Combination Angle Wrench Set

Sizes: 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm. Drop forged from 6140 CR-V alloy steel

Individual Sizes:

Available Separately

Part No.	Size	Description	Length
T9326	6mm	Combination Angle Wrench	100mm
T9327	7mm	Combination Angle Wrench	100mm
T9328	8mm	Combination Angle Wrench	120mm
T9329	9mm	Combination Angle Wrench	120mm
T93210	10mm	Combination Angle Wrench	135mm
T93211	11mm	Combination Angle Wrench	135mm
T93212	12mm	Combination Angle Wrench	140mm
T93213	13mm	Combination Angle Wrench	140mm
T93214	14mm	Combination Angle Wrench	160mm
T93215	15mm	Combination Angle Wrench	160mm
T93216	16mm	Combination Angle Wrench	185mm
T93217	17mm	Combination Angle Wrench	185mm
T93218	18mm	Combination Angle Wrench	195mm
T93219	19mm	Combination Angle Wrench	195mm
T93220	20mm	Combination Angle Wrench	205mm
T93221	21mm	Combination Angle Wrench	205mm
T93222	22mm	Combination Angle Wrench	225mm
T93223	23mm	Combination Angle Wrench	225mm
T93224	24mm	Combination Angle Wrench	225mm
T93225	25mm	Combination Angle Wrench	225mm
T93226	26mm	Combination Angle Wrench	260mm
T93227	27mm	Combination Angle Wrench	260mm
T93228	28mm	Combination Angle Wrench	270mm
T93229	29mm	Combination Angle Wrench	275mm
T93230	30mm	Combination Angle Wrench	295mm
T93232	32mm	Combination Angle Wrench	305mm
T93235	35mm	Combination Angle Wrench	390mm
T93236	36mm	Combination Angle Wrench	400mm

#### 13099 8Pc. Aluminium Fitting Wrench Set

These aluminum wrenches are designed for use on Aero Quip hoses used on high performance vehicles. Aluminum wrenches prevent marking and damage to the light, flexible, racing hoses and their swivel hose ends.

Individual Sizes:

Available Separately

Part No.	Hose Size	Opening	Colour	Length	Thickness
13099-A	#3	1/2"	Silver	102mm	8.1mm
13099-B	#4	9/16"	Black	121mm	8.3mm
13099-C	#6	11/16"	Blue	146mm	9.8mm
13099-D	#8	7/8"	Orange	146mm	9.8mm
13099-E	#10	1"	Gold	181mm	9.9mm
13099-F	#12	1.1/4"	Red	190mm	10.2mm
13099-G	#16	1.1/2"	Brass	222mm	10.2mm
13099-H	#20	1.13/16"	Dark Blue	235mm	10.4mm

### T-Handle Lever Ratchet Wrenches

Long T-handle ratcheting wrenches for reaching around bell housings on transmissions where access is restricted. Can be used for other applications.

#### CR302-10 10mm T-Handle Ratchet Wrench

10mm 6 Point lever action ratchet wrench. **Length:** 18.1/2"(455mm)

#### CR302-12 12mm T-Handle Ratchet Wrench

12mm 6 Point lever action ratchet wrench. **Length:** 18.1/2"(455mm)

#### CR302-14 14mm T-Handle Ratchet Wrench

14mm 6 Point lever action ratchet wrench. **Length:** 18.1/2"(455mm)