

## Hydraulic Impact Wrenches



### Part # ID07810 Hydraulic Impact Wrench

This wrench develops 500 foot pounds of torque but weighs just over 7 lbs. The 7/16" quick change chuck is standard and a 7/16" hex to 1/2" square adapter is included. It is fully reversible and has a flow rate of 4-12 gpm. Rugged and durable, this quality tool will outperform and outlast all others.



### Part # TEIA

7/16" Hex to  
1/2" Square Adapter

### Part # ID07810-C

#### Hydraulic Impact Wrench Assembly

The ID07 Impact Wrench assembled with 8' of non-conductive hydraulic hose and flat face couplers. Ready for field use.



### Part # IW12 Hydraulic Impact Wrench

The IW12 has a 3/4" square drive and develops torques from 250 to 1,200 foot pounds. It's flow rate is 4-12 gpm and is fully reversible. Weighs only 14 lbs.

***See Hydraulic Hose,  
Couplers and Pumps  
on Pages 45 & 46***



## Hydraulic Impact Wrenches

### Part # H8508-1 Hydraulic Impact Wrench

A reversible, twin hammer wrench that develops up to 400 ft-lbs of torque with a 7/16" hex quick change chuck. The operating pressure is 1,000 to 2,500 psi with a flow rate of 4-10 gpm. A 7/16" hex to 1/2" square adapter is included. Weighs 7.1 lbs.



### Part # H8508-C Hydraulic Impact Wrench Assembly

The H8508-1 Impact Wrench assembled with 8' of non-conductive hydraulic hose and flat face couplers. Ready for field use.



The H8508-1 Hydraulic Wrenches Are Pressure Tested and Torque Certified Prior To Shipment

### Part # H8508-1V Variable Torque Hydraulic Impact Wrench

Similar to the H8508-1, the torque on this wrench is adjustable from 80 to 400 ft-lbs and has a flow range of 4-12 gpm. Comes with a 7/16" hex to 1/2" square adapter.



### Part # H6510A Hydraulic Impact Wrench

This 3/4" square drive wrench delivers 1,060 ft-lbs of torque but weighs only 12.3 lbs. It has a flow range is 4-12 gpm and the operating pressure is between 1,000 to 2,000 psi.



**Part # 54923** HTMA Male Coupler  
3/4" External Thread



**Part # 54925** HTMA Female Coupler  
3/4" External Thread

***For tools that are field ready, complete with couplers and 8' of non-conductive hose, add a "-C" to the end of the part number.***



**Part # QR-714**  
3/4" Square Drive to  
7/16" Quick Change Chuck

***See Hydraulic Hose,  
Couplers and Pumps  
on Pages 45 & 46***

## Battery Powered Impact Wrenches

### Part # 2665-22 Battery Powered Impact Wrench

This wrench produces 350 ft. lbs of torque from a 18V Lithium-Ion battery and has a 7/16" quick-change chuck. This tool comes with 2 batteries, a 110V charger and case.



### Part # 2662-22 Battery Powered Impact Wrench

This tool has a 1/2" square drive and produces 450 ft. lbs. of torque. The kit comes complete with 2 each 18V Lithium-Ion batteries, a 110V charger & storage case.

### Part # 2664-22 Battery Powered Impact Wrench

Featuring a 3/4" square drive with a friction ring, this wrench has a maximum torque of 525 ft.-lbs. This tool kit includes 2 each 18V Lithium-Ion batteries, a 110V charger and case.



*Accessories for all impact wrenches on this page:*

**Part # 48-11-1828** 28V Lithium-Ion Replacement Battery

**Part # 48-59-1801** 110V Battery Charger



## Battery Powered Impact Wrenches

**Part # DW059K-2** Battery Powered Impact Wrench  
A 1/2" square drive wrench with a torque rating of 300 ft.lbs. powered by an 18 Volt battery. This tool kit comes complete with 2 batteries, 110V, 1-hour charger & case.

**Part # DC9096** 18 Volt Replacement Battery

**Part # DW9116** 1-Hour, 110 Volt Charger

**Part # DW9109** 1-Hour, Vehicle Charger



**Part # DC810KL** Battery Powered Impact Wrench  
160 ft.lbs. of torque is produced from this 28 Volt, 1/2" square drive wrench. It's compact size allows for access into tight areas. The tool comes with 2 batteries, charger and case.

**Part # DC9280** 28 Volt NANO™ Replacement Battery

**Part # DC9000** 1-Hour, 110 Volt Charger

**Part # DC800KL** Battery Powered Impact Wrench  
This wrench has a 1/2" Square Drive and delivers 325 ft. lbs. of torque. The 36 Volt battery can be recharged up to 2,000 times. The kit includes the wrench, 2 each 36 Volt batteries, 110 Volt 1-hour charger and case.

**Part # DC9360** 36 Volt NANO™ Replacement Battery

**Part # DC9000** 1-Hour, 110 Volt Charger



## 1/2" Drive Impact Sockets

These "Double Square" sockets are used on 1/2" drive impact wrenches when installing most pole line hardware.

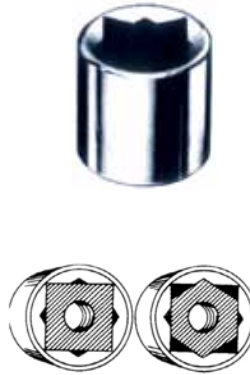
### 8 Point Deep Well



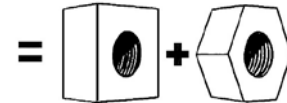
Part #	Size	Length
4772	3/8"	3-1/4"
4774	7/16"	3-1/4"
4776	1/2"	3-1/4"
4778	9/16"	3-1/4"
4780	5/8"	3-1/4"
4782	11/16"	3-1/4"
4784	3/4"	3-1/4"
4786	13/16"	3-1/4"
4788	7/8"	3-1/2"
4790	15/16"	3-1/2"
4792	1"	3-1/2"
4794	1-1/16"	3-1/2"
4796	1-1/8"	3-1/2"

These special 1/2" drive, 8 point sockets are designed for use on both SQUARE and HEX nuts.

### Special 8 Point Standard



Part #	Size	Length
4312	3/8"	1-7/16"
4314	7/16"	1-7/16"
4316	1/2"	1-7/16"
4318	9/16"	1-7/16"
4320	5/8"	1-7/16"
4322	11/16"	1-7/16"
4324	3/4"	1-15/32"
4326	13/16"	1-9/16"
4328	7/8"	1-3/4"
4330	15/16"	1-7/8"
4332	1"	1-15/16"
4334	1-1/16"	1-15/16"
4336	1-1/8"	2"
4340	1-1/4"	2-1/8"



### Part # 1311SD

11 Piece 8 Point Impact Socket Set  
1/2" Square Drive, Sizes 1/2" to 1-1/8"



**See Impact Wrenches  
on pages 20 thru 23.**

### 1/2" Drive Impact Sockets



**6 Point Deep Well**

Part #	Size
2010D	5/16"
2012D	3/8"
2014D	7/16"
2016D	1/2"
2018D	9/16"
2020D	5/8"
2022D	11/16"
2024D	3/4"
2026D	13/16"
2028D	7/8"
2030D	15/16"
2032D	1"
2034D	1-1/16"
2036D	1-1/8"
2038D	1-3/16"
2040D	1-1/4"
2042D	1-5/16"
2044D	1-3/8"
2046D	1-7/16"
2048D	1-1/2"
<i>Sizes up to 2-1/4"</i>	



**6 Point Standard**

Part #	Size
2010R	5/16"
2012R	3/8"
2014R	7/16"
2016R	1/2"
2018R	9/16"
2020R	5/8"
2022R	11/16"
2024R	3/4"
2026R	13/16"
2028R	7/8"
2030R	15/16"
2032R	1"
2034R	1-1/16"
2036R	1-1/8"
2038R	1-3/16"
2040R	1-1/4"
2042R	1-5/16"
2044R	1-3/8"
2046R	1-7/16"
2018R	1-1/2"
<i>Sizes up to 2-1/4"</i>	



**12 Point Deep Well**

Part #	Size
2112D	3/8"
2114D	7/16"
2116D	1/2"
2118D	9/16"
2120D	5/8"
2122D	11/16"
2124D	3/4"
2126D	13/16"
2128D	7/8"
2130D	15/16"
2132D	1"
2134D	1-1/16"
2136D	1-1/8"
2138D	1-3/16"
2140D	1-1/4"
2142D	1-5/16"
2144D	1-3/8"
2146D	1-7/16"
2148D	1-1/2"



**12 Point Standard**

Part #	Size
2112R	3/8"
2114R	7/16"
2116R	1/2"
2118R	9/16"
2120R	5/8"
2122R	11/16"
2124R	3/4"
2126R	13/16"
2128R	7/8"
2130R	15/16"
2132R	1"
2134R	1-1/16"
2136R	1-1/8"
2138R	1-3/8"
2140R	1-1/4"
2142R	1-5/16"
2144R	1-3/8"
2146R	1-7/16"
2148R	1-1/2"



**Part # 1312D**

13 Piece 6 Point Impact Socket Set  
1/2" Square Drive, Sizes 7/16" to 1-1/4"



**Part # 1719D**

19 Piece 12 Point Impact Socket Set  
1/2" Square Drive, Sizes 3/8" to 1-1/2"

## Specialty Sockets & Adapters

### 3/4" Drive, Double Square Impact Sockets



#### 8 Point Standard

Part #	Size
DS1220	1-1/4"
DS1221	1-5/16"
DS1222	1-3/8"
DS1223	1-7/16"
DS1224	1-1/2"
DS1225	1-9/16"
DS1226	1-5/8"
DS1227	1-11/16"
DS1228	1-3/4"
DS1229	1-13/16"
DS1230	1-7/8"

#### 8 Point Deep Well

Part #	Size
DS1220L	1-1/4"
DS1221L	1-5/16"
DS1222L	1-3/8"
DS1223L	1-7/16"
DS1224L	1-1/2"
DS1225L	1-9/16"
DS1226L	1-5/8"
DS1227L	1-11/16"
DS1228L	1-3/4"
DS1229L	1-13/16"
DS1230L	1-7/8"



### Double Square Sockets 1/2" Square Drive, 5" Long

Part #	Sizes
081315S5	13/16" x 15/16"
081618S5	1" x 1-1/8"



#### Part # NR1 Nut Runner

This 4-way, 6" deep, socket has openings on both ends. One end accepts 3/4" and 13/16" square nuts while the other end is sized for 1" and 1-1/8" square nuts. The 7/16" hex to 3/4" square adapter is included.



#### Part # NR2 Nut Runner

A larger, 3-way socket similar to the NR1 but for larger size hardware. The NR2 accepts 1-5/16" square nuts in one end and 1-1/8" & 1-1/2" square nuts on the other. The 7/16" hex to 1" square adapter is included.

**Part # TEIA-1** 7/16" Hex to 3/4" Square Adapter

**Part # TEIA-2** 7/16" Hex to 1" Square Adapter



### Specialty Sockets & Adapters



**Part # QR-514**

1/2" Square Drive to  
7/16" Quick Change Chuck

**Part # QR-714**

3/4" Square Drive to  
7/16" Quick Change Chuck



**Part # TEIA**

7/16" Hex to 1/2" Square Adapter  
Torque capacity of 550 foot pounds.



**Part # 20-959**

7/16" Hex to 1/2" Square Adapter  
For up to 300 foot pounds of torque.



**Part # QRF-14**

1/2"-20 Threaded Female Drive to  
7/16" Quick Change Chuck



**Part # PHS-2**

Penta Socket on one end,  
3/4" Hex Socket on other end.  
1/2" Female Drive

### Isolated Shaft Tools

Made with thick walled filament wound fiberglass shafts, these tools provide total end to end electrical isolation.



#### Isolated Socket Extensions

1/2" Female Drive x 1/2" Male

Part #	Length	Rating
ISE-8	8"	5,000 Volts
ISE-14	14"	10,000 Volts
ISE-36	36"	30,000 Volts



#### Isolated Hex Shaft Extension

**Part # ISE-WE**

1/2" Female Drive x 5/16" Hex

### Steel Punch



#### Part # 20 Heavy Duty Steel Punch

This versatile punch develops 20 tons of force and can cut a 1/2" hole through 1/2" thick mild steel. Extremely portable, it is supplied with a 1/2" punch & die and coupler nut. Weighs 25 lbs.



119

#### Accessories

##### Part # 119 Ratchet Attachment

For operation of #20 Punch in close quarters.

##### Part # RO48 Pipe Handle

48" pipe handle improves leverage with minimal effort.



#### Punches & Dies

Type O round punches and dies used in the # 20 Punch



CN11

CN12

CN13

#### COUPLER NUTS

Used to mount the punches in the # 20 punch.

##### Part #

CN11 Used for all punches up 11/16"

CN12 Used for the 3/4" punch

CN13 Used for the 13/16" punch (Split)

Hole Dia.	Punch #	Die #
1/8	P02	D02
3/16"	P03	D03
1/4"	P04	D04
5/16"	P05	D05
3/8"	P06	D06
7/16"	P07	D07
1/2"	P08	D08
9/16"	P09	D09
5/8"	P10	D10
11/16"	P11	D11
3/4"	P12	D12
13/16"	P13	D13