



Model:

# 78244

Product Type:

## 11PC. 1/2" DRIVE NANO PINLESS UNIVERSAL IMPACT SOCKETS - METRIC



### WARNING



Study, understand and follow all instructions provided with this product. Read these instructions carefully before installing, operating, servicing or repairing this tool. Keep these instructions in a safe accessible place.

### INTENDED USE OF THE TOOL

The 78244 Nano Pinless Universal impact Socket Set is designed to be used with a 1/2" drive impact wrench to drive hex fasteners. Do not use this tool outside of the designed intent. Never modify the tool for any other purpose or use.



### WARNING



#### Caution: To help prevent personal injury

- Use of this product can expose you to chemicals including ethylene glycol, gasoline vapors and engine exhaust, which are known to the State of California to cause cancer, birth defects, or reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). Always wear ANSI approved safety equipment, safety glasses and clothing when using this product. Study, understand, and follow all instructions provided with this product. Failure to read and follow all warnings and operating instructions may result in damages and serious injury or death.
- Always wear ANSI approved goggles when using this product. (Users and By standers).
- Never use this tool for any application other than for which it was designed.
- Only use accessories designed for this tool.
- Never alter or modify this tool in any way.
- Improper operation and/or maintenance of the tool, modification of the tool, or use of the tool with accessories not designed for it could result in serious injury or death.
- Always select the correct accessories of the correct size and design for the job that you are attempting to perform.
- Always work in a clean, safe, well-lit, organized and adequately equipped area.
- Do not begin repairs without assurance that vehicle is in secure position, and will not move during repair.

### BEFORE USE

When unpacking, check the parts diagram and part number listing on page 2 to make sure all parts are included. If any parts are missing or damaged, please call your distributor.

**DO NOT DISCARD – GIVE TO USER**



## Astro Pneumatic Tool Company

[www.astrotools.com](http://www.astrotools.com)

### LIFETIME WARRANTY

- Astro Pneumatic Tool Co. warrants our products to the original user against defective material or workmanship for Lifetime Warranty (except where noted on our price schedule) from the date of 1st use. Astro reserves the right to determine whether the product failed because of defective material, workmanship or other causes and to charge back for missing parts. Astro Pneumatic Tool Co., at its discretion, will repair products covered under this warranty free of charge. The distributor should direct the original user to return the product (with the exceptions listed below) with the distributor's name, address, adequate proof of date of purchase or a copy of warranty card, and a short note explaining the problem. **Failures caused by accident, alteration, or misuse are not covered by this warranty.**
- If one part of this product fails, please do not return the entire product. Astro will replace free of charge component parts of this product. Items included in this category include but are not limited to kits, hand tool kits and any other product where there are multiple items or components that make up the unit. Please contact the phone number below in order to obtain the replacement components covered under warranty.
- Astro Pneumatic Tool Co. or its authorized service representatives must perform all warranty repairs. Any repair to the product by unauthorized service representatives voids this warranty. The rights under this warranty are limited to the original user and may not be transferred to subsequent owners.
- This warranty is in lieu of all other warranties, expressed or implied, including warranties of merchantability and fitness for a particular purpose. Some states do not allow the exclusion of limitations of incidental or consequential damages so the above limitations may not apply to you.



**PLEASE DO NOT RETURN ANY PRODUCT WITHOUT CALLING  
1-800-221-9705 FOR INSTRUCTIONS**



### PRODUCT INFORMATION

- Pinless design allows a full 360° of freedom for the universal head to angle and rotate
- Swivel hex design transfers impact forces more efficiently with greater durability
- Forged CRO-MO with lifetime warranty



Model:

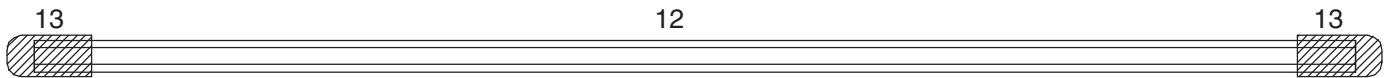
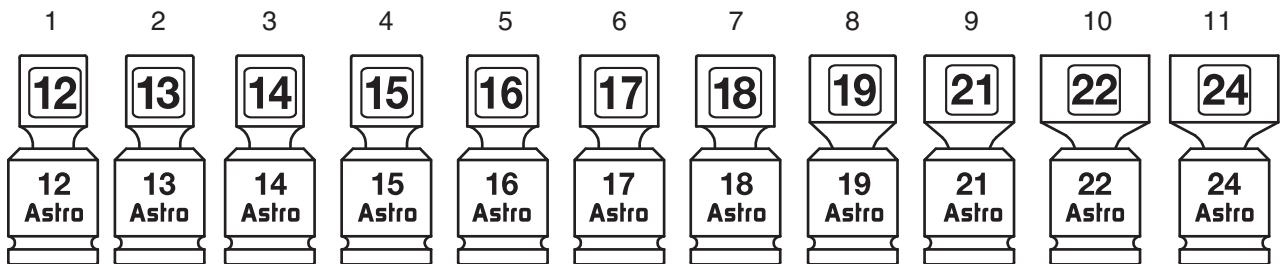
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### PARTS BREAKDOWN

Call 1.800.221.9705 for questions concerning performance of the product or other inquiries.



### Parts List

<i>Index</i>	<i>Part No.</i>	<i>Description</i>	<i>Qty</i>
1	7824401	12mm Nano Pinless Impact Socket	1
2	7824402	13mm Nano Pinless Impact Socket	1
3	7824403	14mm Nano Pinless Impact Socket	1
4	7824404	15mm Nano Pinless Impact Socket	1
5	7824405	16mm Nano Pinless Impact Socket	1
6	7824406	17mm Nano Pinless Impact Socket	1
7	7824407	18mm Nano Pinless Impact Socket	1
8	7824408	19mm Nano Pinless Impact Socket	1
9	7824409	21mm Nano Pinless Impact Socket	1
10	7824410	22mm Nano Pinless Impact Socket	1
11	7824411	24mm Nano Pinless Impact Socket	1
12	7821516	Aluminum Socket Holder(460mm)	1
13	7831012	Black Rubber Sheath	2