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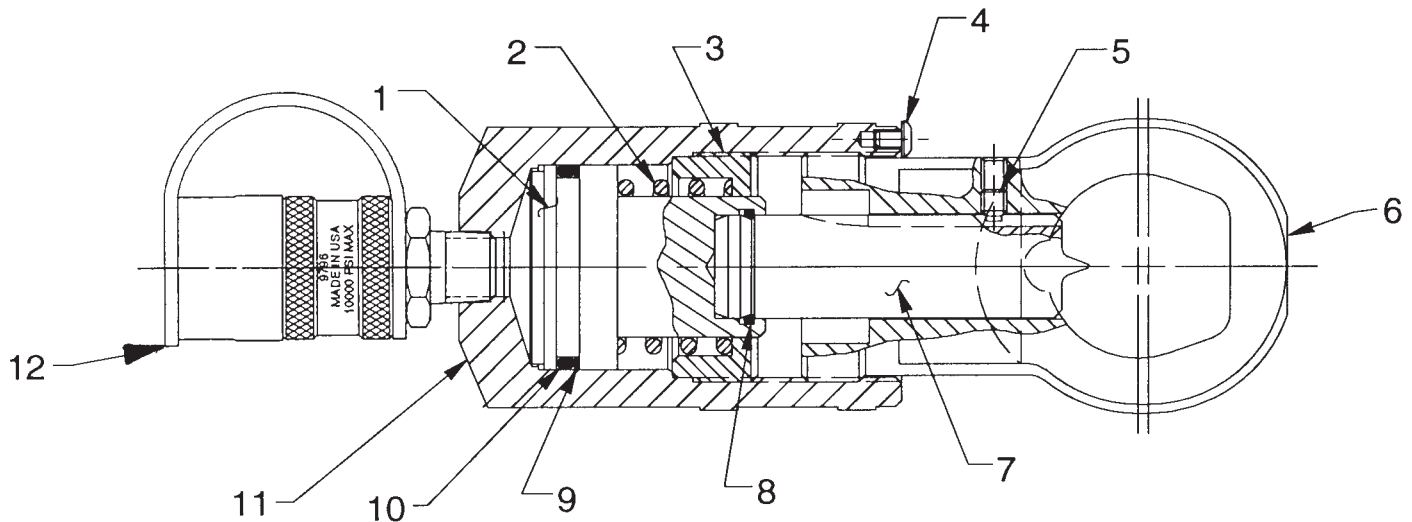
Form No. 103526

**Parts List and
Operating Instructions for:**

**4C-4712
4C-4712-1**

NUT SPLITTER

15.7 Tons at 10,000 PSI



Item No.	Part No.	No. Req'd	Description
1	47510	1	Piston
2	215192	1	Compression Spring (1-11/16 X 1-3/8 X 1.6 lg.)
3	308839	1	Retainer Nut
4	15951	1	Cap Screw (#10-24 X 1/4 lg.)
5	13380	1	Set Screw (1/4-20 X 5/16 lg.)
6	53341	1	Frame
7	308840	1	Blade
8	16684	1	O-ring (1/2 X 11/16 X 3/32; NOTE: Cut o-ring to make installing blade easier)
9	19145	1	Backup Washer (2" X 1-3/4 X 1/8)
10	10294	1	O-ring (2" X 1-3/4 X 1/8)
11	53340	1	Body
12	1P2375	1	Ram Half Coupler

Refer to any operating instructions included with this product for detailed information about operation, testing, disassembly, reassembly, and preventive maintenance.

Items found in this parts list have been carefully tested and selected. **Therefore: Use only genuine OTC replacement parts!**

Additional questions can be directed to our Technical Services Department.



SAFETY PRECAUTIONS

WARNING: To help prevent personal injury,

- Safety glasses must be worn at all times to help prevent eye injury.
- Never exceed the rated capacity of the Nut Splitter. Do not attempt to split nuts having a hex size greater than 1-1/2" or smaller than 3/4". Maximum square nut capacity is 1-3/8" sq.; minimum is 7/8" sq.
- Position the blade so the entire thickness of the nut is cut in a single stroke.

OPERATING INSTRUCTIONS

IMPORTANT: To avoid possible equipment damage. **DO NOT USE THE NUT SPLITTER TO CUT FLANGED NUTS.**

1. Turn the Nut Splitter frame to align the laser mark with the correct hex size of the nut you are removing. See Figure 1.
2. Place the frame around the nut. A flat of the nut must be against the flat side of the frame. The blade must be centered and must span the entire thickness of the nut.
3. Advance the blade against a flat of the nut until the nut cracks. This expands the threads of the nut to make removal easier.
4. Retract the blade. In some cases, it may be possible to make a second cut directly opposite the first cut to completely separate the nut into halves for removal.

ROTATING THE BLADE

(Item numbers refer to the parts list)

1. Loosen the set screw (Item #5) two or three turns.
2. Turn the blade (Item #7) 180°.
3. Tighten set screw again until it just engages the slot in the blade.

REPLACING THE BLADE

(Item numbers refer to the parts list)

1. Remove the cap screw (Item #4). Loosen the set screw (Item #5) two or three turns.
2. Remove the Nut Splitter frame (Item #6).
3. Pull out the old blade (Item #7). Inspect the o-ring (Item #8) for damage and replace if needed. **NOTE: If the o-ring has to be replaced, cut a 1/16" section out of the new o-ring to make it easier to install the blade.**
4. Insert the new blade.
5. Thread the frame back onto the body. Hand-tighten the set screw and cap screw again.

LASER MARK
ACROSS BLADE

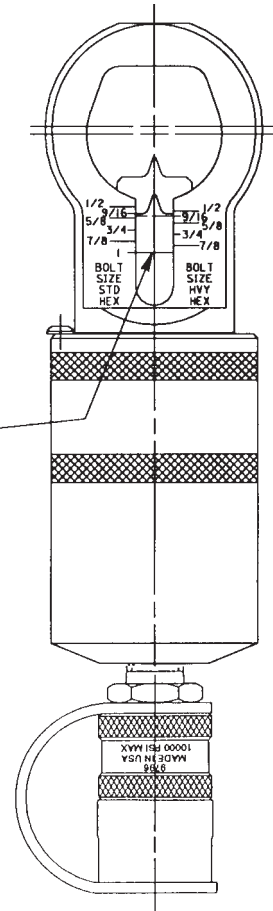


Figure 1

MAXIMUM CAPACITY OF THE NUT SPLITTER

Due to the various sizes and types of nuts, it is not practical to list maximum nut sizes for all applications of this tool. This chart lists general applications based on test results and is not intended to show the only ways to use the tool. Contact OTC Technical Services Department, for questions involving applications not shown.

	NUT GRADE - ENGLISH (NUT CLASS - METRIC)			
	2 or A (5)	5 or B (9)	8 or C (10)	2H (12)
Hex Size	1 1/2 (36)	1 1/2 (36)	1 5/16 (33)	1 3/16 (30)
Bolt Size	1 (24)	1 (24)	7/8 (22)	3/4 (19)
Nut Thickness	1.000 (23.2)	.859 (20.8)	.875 (22)	.750 (19)