

## RATCHETING FLARE NUT WRENCHES - 12 POINT

- › Designed for use on 6 and 12 point tube fittings, hydraulic lines, fasteners, valves, and compression fittings.
- › Distinct design only requires 30° rotation to engage ratcheting feature.
- › Carbon steel jaws snap open, then close around fastener.
- › Easy access to tight locations.
- › Non-reflective black oxide finish for use where non-plated products are required.
- › 12 point flare nut box end allows for fine indexing helping to improve speed and access.
- › Pivoting head allows user to place the wrench over the connected pipes to reach the fastener.



<b>INCH</b>	<b>12</b>	<b>Outside Head Width 1 (in)</b>	<b>Head Thickness 1 (in)</b>	<b>Overall Length (in)</b>	<b>Weight (lbs)</b>
3/8	<b>J3812</b>	1	9/32	5-7/16	0.17
7/16	<b>J3814</b>	1	9/32	5-7/16	0.17
1/2	<b>J3816</b>	1	9/32	5-7/16	0.17
9/16	<b>J3818</b>	1-5/16	3/8	7-1/4	0.31
5/8	<b>J3820</b>	1-5/16	3/8	7-1/4	0.31
11/16	<b>J3822</b>	1-5/16	3/8	7-1/4	0.31
3/4	<b>J3824</b>	1-5/16	3/8	7-1/4	0.31
13/16	<b>J3826</b>	1-11/16	7/16	9-3/8	0.58
7/8	<b>J3828</b>	1-11/16	7/16	9-3/8	0.58
15/16	<b>J3830</b>	1-11/16	1/2	9-3/8	0.58
1	<b>J3832</b>	1-11/16	1/2	9-3/8	0.58



<b>MM</b>	<b>12</b>	<b>Outside Head Width 1 (in)</b>	<b>Head Thickness 1 (in)</b>	<b>Overall Length (in)</b>	<b>Weight (lbs)</b>
10	<b>J3810M</b>	1	9/32	5-7/16	0.18
11	<b>J3811M</b>	1	9/32	5-7/16	0.16
12	<b>J3812M</b>	1	9/32	5-7/16	0.16
13	<b>J3813M</b>	1	9/32	5-7/16	0.17
14	<b>J3814M</b>	1-5/16	3/8	7-1/4	0.31
15	<b>J3815M</b>	1-5/16	3/8	7-1/4	0.31
16	<b>J3816M</b>	1-5/16	3/8	7-1/4	0.31
17	<b>J3817M</b>	1-5/16	3/8	7-1/4	0.3
18	<b>J3818M</b>	1-5/16	3/8	7-1/4	0.29
19	<b>J3819M</b>	1-5/16	3/8	7-1/4	0.29

