## ======Wrenches and Locking Devices=====

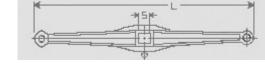




Wrench Size and Dimensions				Valve Sizes Straight Way				Valve Sizes 3-way & 4-way
Size	Square	Length	Weight lbs.	Full and Diamond Port	Round Port	Reduced Port 602	Standard Port 612	Full Port 603 -606
F	13/16	8 1/8	1 1/4	1/2 - 3/4	1/2	-	1	1/2
G	15/16	9 9/16	1 1/2	1 - 1 1/2	1/2 - 3/4	-	1 1/4 - 2	<sup>3</sup> / <sub>4</sub> - 1 <sup>1</sup> / <sub>2</sub>
Е	1 1/4	10 1/2	2 3/4	2 - 2 1/2	-	-	2 1/2 - 3	2 - 2 1/2
L	1 17/32	17 <sup>27</sup> / <sub>32</sub>	3 1/2	3	2 - 2 1/2	-	4	-
N	2 1/32	**	**	4-5-6	3±	-	5-6-8-10	3-4
P	$2^{15}/_{32}$	**	**	8-10	4*-6-8	10-12	12-14	6-8

±N-24 \*P-36 \*\*Size Optional - order in inches

Double End Wrench Size and Dimensions						
Size	FF	EE	LL	NN	PP	
Square	13/16 1 1/4		1 17/32	2 1/32	2 15/32	
Length	16 <sup>1</sup> / <sub>4</sub>	19 <sup>3</sup> / <sub>4</sub>	**	**	**	
Weight - lbs.	1 5/8	4 5/8	8 1/2	15	35	



Double-end wrench sizes FF and EE

Double-end

## wrench sizes LL, NN, and PP

Locking & Sealing & Wrench Locking Devices					
Valve Size	Fig. No.	Locking & Sealing Device	Wrench Locking Device		
		LSD #1			
1/2"	601,641,651	44860	N/A		
3/4"	601,641				
1"	611,612	C 44860			
1 1/4"	651,652	LSD #2	27/4		
1 1/2"	651,652	44857	N/A		
3/4"	651				
1"	601,602,641,651,652	LSD #3			

LOCKING DEVICES may be added without valve modification. For straightway valves, locking device sizes are the same as the corresponding wrench size. Specify by letter.



Homestead Locking and Sealing Device (Patented) Specify "LS" after wrench letter.

Homestead Wrench Locking Device (Patented) Specify

1			
1 1/4"	601,602,611,612,641	#45696	
1 1/2"	601,602,611,612,641,642	Dwg. #	N/A
2"	611,612	C 45696	
2"	601,602,641,642	Dwg. #	Dwg. #
2 1/2"	601,602,611,612,641,642	SK-1110-1	SK-1110
3"	611,612	E-LS	E-WL
		1900394101	
2", 2 1/2"	651,652	Dwg. # SK- 1110-1	Dwg. #
3"	601,602,641,642	L-LS	SK-1110
4"	611,612	1900395101	L-WL
3"	651,652	Dwg. #	Dwg.#
4"	601,602,641,642	Dwg. #	Dwg.π
5"	602,602A,612,642	SK-1110-1	SK-1110
6"	602,602A,612,612A,642,622A	N-LS	N-WL
8"	612,612A	N-LS	N-WL
10"	612A	1900396101	1900386101
4"	651A, 652	Dwg. #	
6"	652A	CV 1110 1	Dwg. #
8"	602A,622A,642A,652A	SK-1110-1	SK-1110
10"	602A,622A,642A	P-LS	D 177
12"	602A,622A,612A	1900398101	P-WL

"WL" after wrench letter.



Size requiring "N" or "P" wrench have pin and lock arrangement.

In some instances pictures shown do not represent the lubrication fitting currently being sold.

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