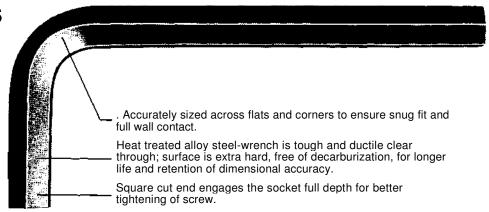
Unilok

When it comes to Hexagon Wrenches, insist on "Unilok"

Here's why :

A "UNILOK" Wrench, unlike the ordinary hexagon wrench, is a precision internal wrenching tool of great strength and ductility. With an "UNILOK" Wrench, far more tightening torque than is necessary can be applied without damaging the screw or the wrench. And it can be done safely. This important feature is especially true of the smaller sizes (4mm and below) which are normally held in the hand and used without any extra mechanical extension.

The photographs below of a destruction test illustrate this further. Under excessive torque, a 2mm "UNILOK"

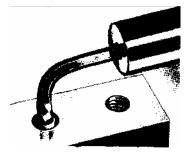


Wrench twists but does not shear until a torque has been reached that is approximately 20% greater than can be applied with an ordinary wrench. At this point it shears off clean, flush with the top of the socket leaving no jagged edge to gash one's hand.

However, the socket of the "UNILOK" screw still remains unharmed and intact. The broken piece of the wrench is not wedged into the socket but can be lifted out by using a small magnet which proves that the socket has not been reamed or otherwise damaged.

Feature for feature the superior Wrench

- Accurately sized across flats and corners to ensure snug fit and full wall contact.
- Interchangeable for various types of standard socket screws.
- Heat treated alloy steel makes the wrench tough and ductile clear through; with an extra hard surface free of decarburization for longer life and better retention of dimensional accuracy.
- Size stamped for easy identification.
- Square cut end engages the socket full depth for better tightening of screw.

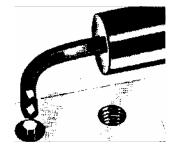


A 2mm "UNILOK" Wrench will twist up to 180° without weakening.

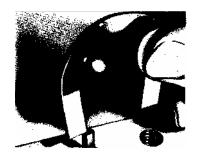


The above micro photo of the "UNILOK" Hex Wrench corner shows no trace of

decarburization. The complete structure is uniform.



Twisted to about 270°. the wrench shears off clean.



The socket hasn't been reamed or damaged. Broken section can be lifted out with a magnet.



Note the white areas of decarburization present under high magnification in the ordinary socket wrench corner.



Square cut end - accurately sized across flats and corner to ensure snug fit and full wall contact.

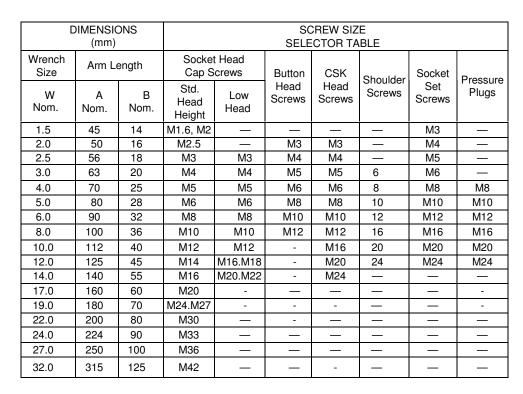
Hexagon Wrenches

Metric & Inch Series

Notes;

- 1. The wrenches will generally conform to IS : 3082, DIN : 911 for Metric Series and to BS : 2470 for Inch Series.
- 2. Material : "UNILOK" High Grade Alloy Steel.
- 3. Heat Treatment : HRc 47 Min
- 4. All wrenches, 2mm. 5/64" and above are stamped for identification.
- 5. "UNILOK" wrenches are made to higher requirements than IS, ISO, DIN and BS standards

METRIC SERIES



INCH SERIES

NCH SE												
D		S	SCREW SIZE SELECTOR TABLE									
	(Inches)					1						1
Wrench Size	Arm Length		Socket Head Cap Screws			CSK Head Screws		Shoulder Screws	Socket Set Screws			Pressure Plugs
W Nom.	A Nom.	B Nom.	UNC UNF	BSW BSF	BA	UNC UNF	BSW BSF	_	UNC UNF	BSW BSF	BA	_
1/16	1.750	0.562	#2	_	_	#3, #4	_	_	#5, #6	_	5,4	_
5/64	1.875	0.609	#3, #4	_	6	#5, #6	_	_	#8	_	3	_
3/32	2.000	0.656	#5, #6	—	5,4	#8	3/16	—	#10	3/16	2,1	_
1/8	2.250	0.750	#8	—	3	#10	_	1/4	1/4	1/4	0	_
5/32	2.500	0.844	#10	3/16	2,1	1/4	1/4	5/16	5/16	5/16	—	1/16
3/16	2.750	0.938	1/4	1/4	0	5/16	5/16	3/8	3/8	3/8	—	1/8
7/32	3.000	1.031	5/16	5/16	—	3/8	3/8	—	7/16	7/16		—
1/4	3.250	1.125	—	—	—	7/16	7/16	1/2	1/2	1/2	—	1/4
5/16	3.750	1.250	3/8,7/16	3/8,7/16	—	1/2	1/2	5/8	5/8	5/8	—	3/8
3/8	4.250	1.375	1/2	1/2	—	5/8, 3/4	5/8, 3/4	3/4	3/4	3/4	—	1/2
1/2	5.250	1.625	5/8	5/8	—	—		1	7/8	7/8	—	5/8
9/16	5.750	1.750	3/4, 7/8	3/4, 7/8	—	—	_	—	_	—	—	3/4, 7/8
5/8	6.250	1.875	1	1	—	—	—	—	—	—	—	1
3/4	7.250	2.125	1 1/8, 1 1/4, 1 3/8	1 1/8, 1 1/4, 1 3/8	_			_		_	_	1 1⁄4, 1 1⁄2

