Hand Tools

Think about it...

Tools Have Built Our World!



And this makes tools...



Way Cool



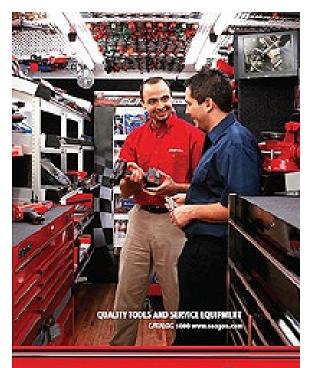




Surgeons Use Tools



As do, mechanics! (obviously)



Snapon

Countless numbers of mechanics tools are available to meet almost any need.

Thankfully, you won't have to know them all!

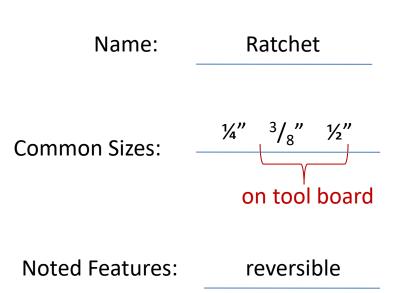
What you will have to be able to do is identify the modest selection we have on our tool board.



Tools that you will be expected to know...

Socket Sets





Name:

Sockets

Styles





Shallow Sockets

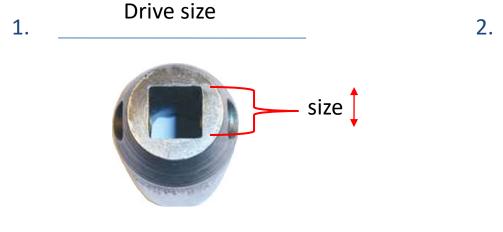




Deep Sockets

Specialty Sockets (Spark Plug Socket shown)

If you know 4 pieces of information you will be sure to get the correct socket:



3. Deep / Shallow



Socket size



4.

Printed/engraved On the side

6 point / 12 point





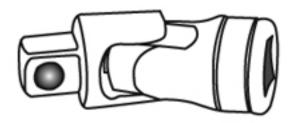
Name:	Breaker Bar
Other Names:	Flex Bar Strong Bar
Use:	Stronger than ratchet

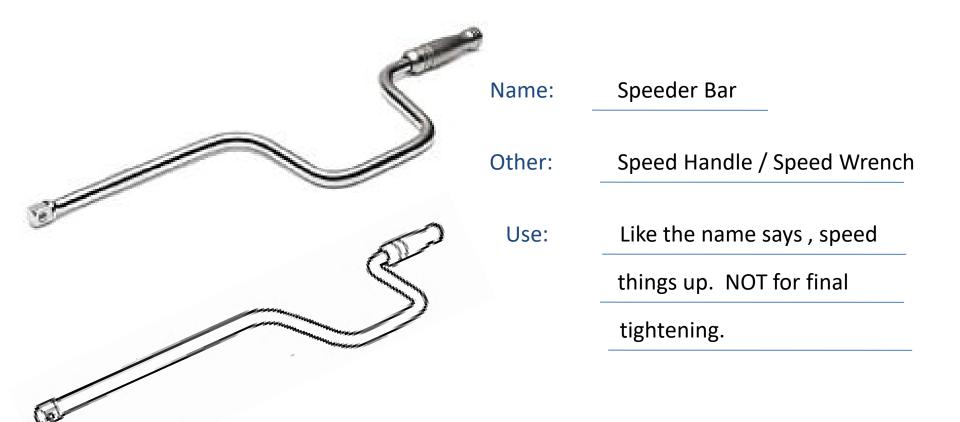


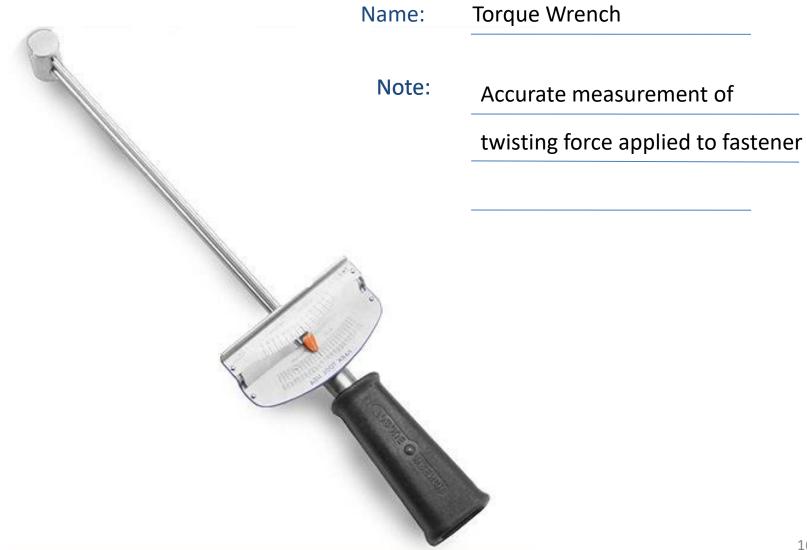
Name:	Extensions
Use:	Get out of tight spaces



Name:	Universal
Use:	Bend around corners



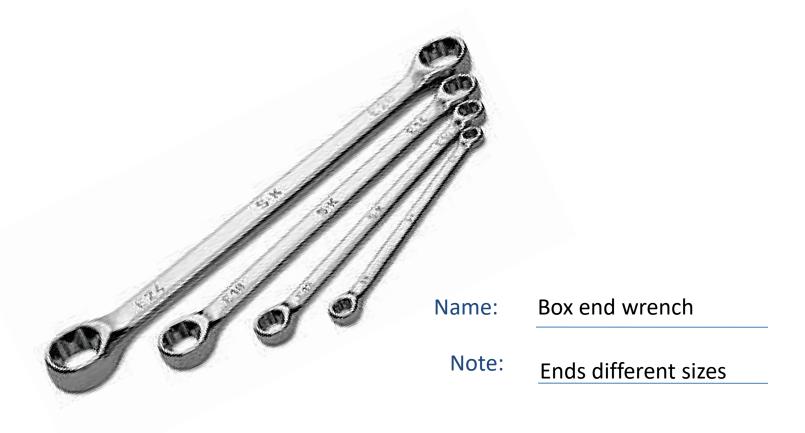




Wrenches



Name:	Open end wrench
Note:	Ends different sizes





Name: Combination wrench

Note:

Ends same size

Ends different uses:

Use 'box' to loosen tight screws

then switch to 'open' b/c faster

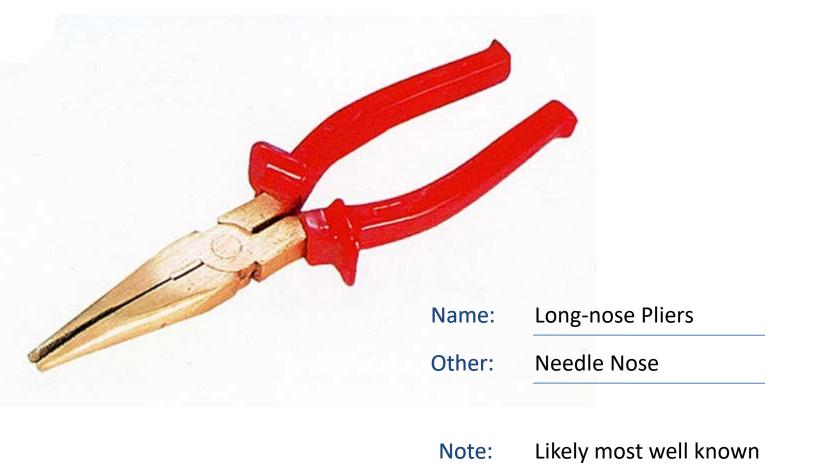




Name:	Pipe Wrench
Other:	Not 'monkey' wrench
Note:	Not to be used on surfaces
	of importance
	Other:









Name:	Linesman Plier
Other:	Square/Blunt/Flat nose





Name:	Ribbed Joint Pliers
Other:	Channel Lock; Water Pump
Note:	able to be gripped regardless
	of big or small

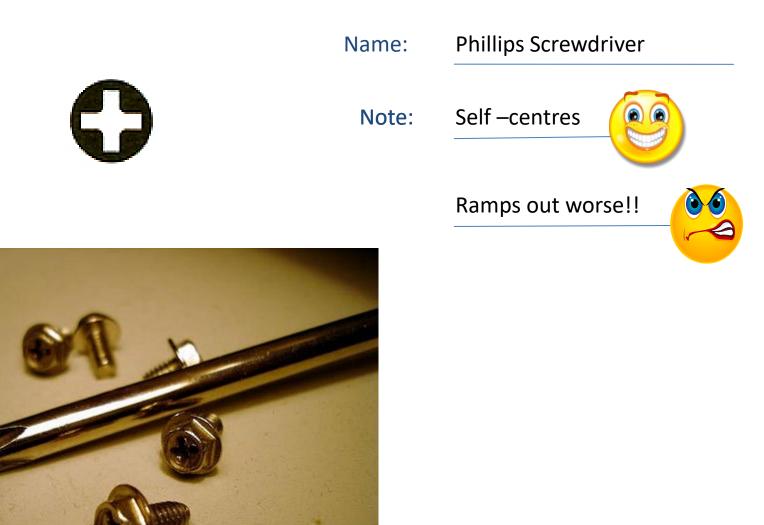




Name:	Locking Jaw Pliers
Other:	Vise Grips
Note:	Grip rounded fasteners
	Portable clamp

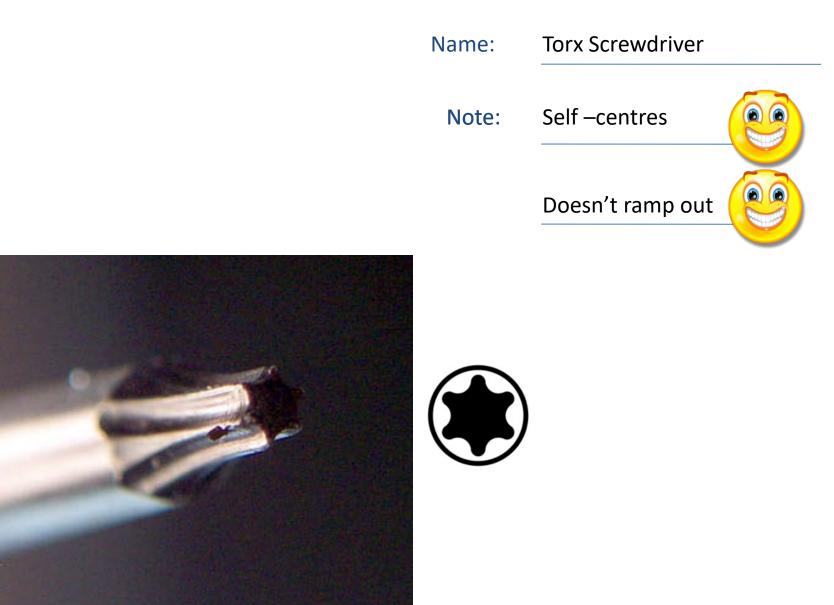
Screwdrivers











Name: Stubby Screwdriver

Note: Named after its

diminutive size

Available in all tip styles

Hammer Time







me: Ru	bber Mallet
nc. Nu	

Note: Caution, rubber is 'resilient'

No big swings! Gentle taps.

Cutting Tools





Single Cut



Name:	Files
Note:	Although many shapes,
	Just two families:
	'Single Cut' & 'Double Cut'



Name:	Cold Chisel
Note:	Match hammer choice to Chisel size



Name:	Aviation Shears & Tin Snips
Note:	NEVER used to cut anything
	but 'flat stock'

Aviation Shears



Tin Snips



lame:	Gasket Scraper	
Note:	Not like 'Putty Knife' sharp & stiff	
		_

Name:	Taper Punch
Other:	Aligning
Note:	Used to focus and or extend Hammer blow



Name:	Straight Punch
Note:	Used to focus and or extend
	Hammer blow



