

# 6 MECHANIC TOOLS

## STRONG, ECONOMICAL AND EFFECTIVE

The STANLEY® offering of Mechanic tools supplies professionals with a wide range of product options to successfully accomplish the job at hand.



### MAKE YOUR SOCKET SETS WORK HARDER

#### NUTS SHOULD TURN SMOOTHLY

To effectively use sockets you need to be sensitive to the way in which the nut turns on the bolt or screw stud. If the nut does not rotate smoothly check to see that the thread is not 'crossed' or if the thread size or type differs from the bolt.

#### TAKE CARE NOT TO OVER TIGHTEN

Run the nut up until finger tight and then apply the socket to finally tighten the nut. Under normal conditions do not be tempted to over tighten fastenings.

#### USE A TORQUE WRENCH FOR EXACT SPECIFICATIONS

If the torque required to complete the fastening needs to be specific for functional or safety reasons you should use a torque wrench.

#### USE THE RIGHT SIZE SOCKET

Even though the socket may locate on a nut that is slightly smaller the result may well be that the corners of the fastener will be deformed and make future removal difficult. The size of the ratchet handle is also carefully matched to a given set of socket sizes so that damage to the fastening is minimised. Whenever possible pull the ratchet handle towards you for better control.

#### LOCKING EXTENSION BAR

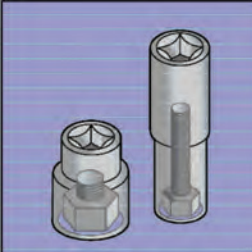
If you need to work on a fastener beyond your normal reach a locking extension bar will enable you to reach the nut without the risk of leaving the socket embedded in the machinery or engine compartment.

## SOCKETS



Sockets are available in either hex (6 points) or bi-hex (12 points). The bi-hex socket provides greater access when the nut is in a hard to reach position. The hex socket, although with reduced angular accessibility, tends to be able to withstand heavier duty use.

Maxi Drive profile sockets are the most efficient and offer protection to both the fastener and the socket wall by taking the driving force away from the extreme corners of the nut where there is the greatest risk of damage.



Sockets are available in standard length, for most general-purpose applications and deep drive, which come into their own if you need to tighten a nut on longer screw studs.

## THE RIGHT WRENCH FOR THE JOB

### COMBINATION SPANNERS

These combine in a single tool an open-ended jaw and a ring, both have the same dimension. The open-ended jaw is offset by 15° which enables the operator to turn any nut provided there is even a very small amount of access. The Bi-Hex (12 point) Ring end is also cranked at 15° from the horizontal, which enables you to grip the handle without risking injury to the knuckles.

### OPEN-ENDED SPANNERS

Both ends of these spanners are open with the heads set at 15°. The open-ended format is ideal for working on pipelines where only side access is possible. Select slim open-ended jaws to give greater accessibility within the thickness of the fastener.

### ADJUSTABLE WRENCH

This must be used carefully and sparingly if damage to the fastener is to be avoided, but it is still a very useful item for any toolkit.

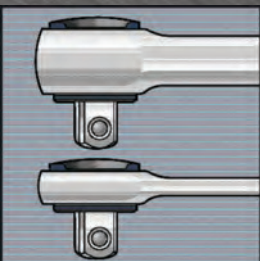
### COMBINATION SPANNER WITH RATCHETING RING END

A very useful specialist set of 6 spanners with the benefit of a ring end which ratchets with a 5° angle of engagement so that you can work in very restricted spaces and have the added advantage of an open ended end profile to work on fastenings that do not have 360° access as occurs on pipe work.

### ACCELERATOR COMBINATION SPANNER

The open-end part of the tool incorporates an innovative jaw form which enables the user to engage and disengage without removing the spanner from the nut.

## RATCHETS



The turning force on the socket is imparted by the drive handle through a square recess forged into the end of the socket. The size of this recess varies depending on the size of the socket - 1/4" 3/8" or 1/2" square drive. Specific sets for each drive size are available, together with sets that combine drive sizes, which enable you to deal with fastenings from 4mm up to 32mm.

FatMax® and MicroTough™ ratchets offer the smoothest operation and allow access to fasteners in restricted areas. The smaller head is 20% - 30% smaller than standard ratchet heads and the fine tooth mechanism offers a 5° angle of engagement.

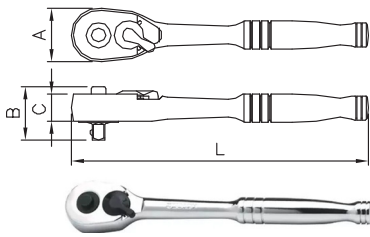
When working with oily hands it is important that the ratchet handle incorporates a quick socket release facility.

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### "Full Polish" Quick Release Ratchet

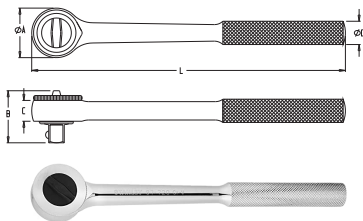
ISO 3315 / DIN 3122



- Full polish finish, double-nickel with chrome plating for extra rust resistance and prolonged life
- Fine-tooth pear head ratchet 1/4" dr - 45 tooth gear and 3/8" & 1/2" 54 tooth gear design for small 6.8 degree arc swing
- Thin Head design for accessibility
- Quick release push button provide extra safety and handy operation
- Reversing level designed for quick, one hand operation

1/2"	NEW SKU#	SKU#	L mm	A mm	B mm	C mm	WEIGHT (g)	BOX/CTN
	STMT 89819-8B	89-819	253.0	41.0	35.3	18.0	586	4/24

### Round Head Ratchet

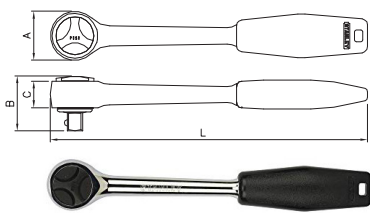


- Full polish finish, double-nickel with chrome plating for extra rust resistance and prolonged life
- Round head ratchet for tight access area
- Anti-slip and durable knurled metal handle design suit most industrial applications
- Flip drive ratchet head for easy directional rotation

1/2"	NEW SKU#	SKU#	L mm	A mm	B mm	C mm	D mm	WEIGHT (g)	BOX/CTN
	87-720-1	87-720	256.0	43.5	43.9	17.6	19.0	620	4/48

### Quick Release Ratchet - Round Head

ISO 3315 / DIN 3120

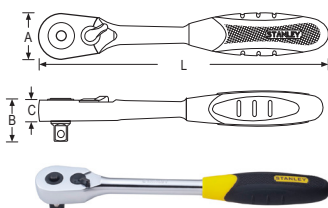


- Three way quick release ratchet head for directional rotation
- Round head ratchet for tight access area
- Comfortable and durable molded plastic handle withstands most industrial solvents
- Quick release push button provide extra safety and handy operation

1/2"	NEW SKU#	SKU#	L mm	A mm	B mm	C mm	WEIGHT (g)	BOX/CTN
	STMT 86397-8B	86-397-1	265.0	41.0	46.1	21.9	620	4/48

### Quick Release Ratchet - Pear Head

ISO 3315 / DIN 3122

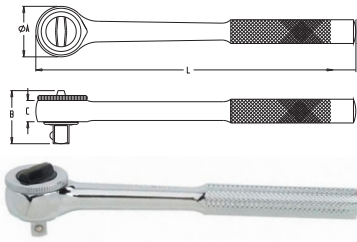


- Chrome vanadium steel (Cr-V) forging, hardness toughness
- High torque output, more than 50% of the ANSI standard, powerful to use, reliable and durable
- 60-tooth ratchet head design, turn 6 ° can drive sleeve, suitable for narrow space
- There are pros and cons of rapid shedding and commutation function, easy operation
- Dual material handle, oil slip, comfortable grip

1/2"	NEW SKU#	SKU#	L mm	A mm	B mm	C mm	BOX/CTN
	STMT 95893-8B	95-893	240	32.5	35.7	16.5	4/48

## Drive Round Head Ratchet Knurled Handle

ISO 3315 / DIN 3122



- Forged from high quality steel and finished in high-polish chrome
- Articulation angle of 8.4°
- Knurled handle for comfort and anti-slip operation
- Sockets and extensions remain locked onto the drive until disengaged with an easy-to-reach low-profile quick-release button

3/4"	NEW SKU#	SKU#	L mm	A mm	B mm	C mm	BOX/CTN
	STMT 91316-8B	91-316	495	65	55	30	2/8

## 72T Ratchet

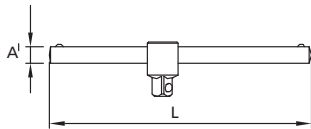


- Large quick release button for easy removal of sockets
- Bi-Material handle for comfort and grip and control
- 72 Tooth Ratchet with one pawl mechanism for 5 degrees increment.
- Low profile switch lever prevents accidental switching and allows for easy, one-handed operation

SKU#	DESCRIPTION	DRIVE	HANDLE TYPE	TEETH	ANGLE	HEAD WIDTH	HEAD DEPTH	BOX/ CTN
STMT82663-0	1/4" 72T Ratchet	1/4	Bi-Material	72	5	25	23	12
STMT82664-0	3/8" 72T Ratchet	3/8	Bi-Material	72	5	33	30	12
STMT82665-0	1/2" 72T Ratchet	1/2	Bi-Material	72	5	40	39	12

## Sliding T-Bar

ISO 3315 / DIN 3122

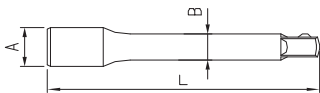


- Made of Chrome Vanadium Steel
- Allows the application of high torque using both hands
- Place the socket adapter at the extremes of the bar for higher leverage

3/4"	NEW SKU#	SKU#	L mm	A mm	WEIGHT (g)	BOX/CTN
	STMT 89303-8B	89-303-1	480.0	20.0	1400	2/18

## Extension Bar

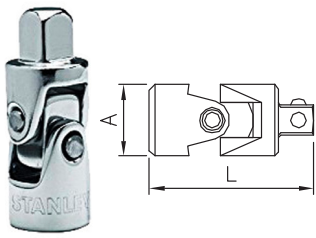
ISO 3316 / DIN 3123



- Made of Chrome Vanadium Steel

1/2"	NEW SKU#	SKU#	SIZE	L mm	A mm	B mm	WEIGHT (g)	BOX/ CTN
	STMT 86407-8B	86-407-1	5"	125.0	22.5	16.3	204	4/40
	STMT 86408-8B	86-408-1	10"	252.0	22.5	16.3	398	4/48

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### Universal Joint

ISO 3316 / IN 3123

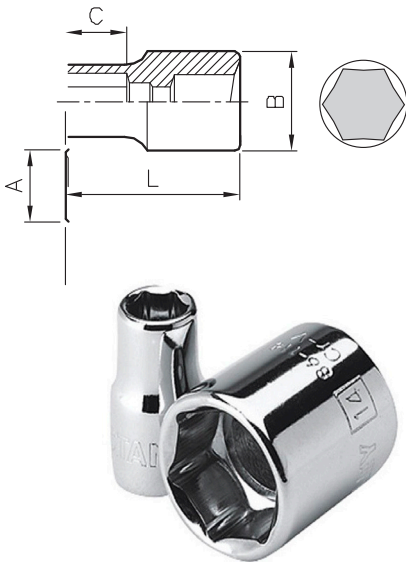
- Made of Chrome Vanadium Steel

1/2"	NEW SKU#	SKU#	L mm	A mm	WEIGHT (g)	BOX/ CTN
	STMT 86411-8B	86-411-1	68.5	24.9	165	4/96

### 6 Point Standard Socket – Metric

ISO 2725 / DIN 3124

- Made of Chrome Vanadium Steel
- Chromed finish for exceptional resistance to rust
- MaxiDrive™ gripping system: rounded gripping surface allows for 15% more torque and avoids rounding off fasteners, providing higher tenacity



1/2"	NEW SKU#	SKU#	SIZE	L mm	A mm	B mm	C mm	WEIGHT (g)	BOX/ CTN
	STMT 72942-8B	88-739-1	17	38.0	24.2	23.0	14.3	80	6/96
	STMT 72944-8B	88-741-1	19	38.0	26.3	24.0	16.7	88	6/96
	STMT 72946-8B	88-743-1	21	38.0	28.8	25.0	18.0	104	4/96

3/4"	NEW SKU#	SKU#	SIZE	L mm	A mm	B mm	C mm	WEIGHT (g)	BOX/ CTN
	STMT 89319-8B	89-319-1	19	49.5	30.0	35.0	14.0	210	4/48
	STMT 89322-8B	89-322-1	22	49.5	32.0	36.0	14.0	210	4/48
	STMT 89325-8B	89-325-1	25	50.0	37.0	36.0	21.0	210	4/48
	STMT 89333-8B	89-333-1	33	56.0	46.2	38.0	26.0	310	4/48
	STMT 89334-8B	89-334-1	34	56.0	47.2	38.0	26.0	340	6/48

1/4"	NEW SKU#	SKU#	SIZE	L mm	A mm	B mm	C mm	WEIGHT (g)	BOX/ CTN
	STMT 72873-8B	86-110-1	4.5	25.0	7.5	12.0	3.6	12	12/96
	STMT 72874-8B	86-110-1	4.5	25.0	7.5	12.0	3.6	12	12/96
	STMT 72876-8B	86-111-1	5.5	25.0	8.8	12.0	4.2	12	12/96
	STMT 72882-8B	86-108-1	11	25.0	16.0	16.0	6.0	22	12/96
	STMT 72885-8B	86-114-1	14	25.0	19.7	19.7	8.4	38	12/96

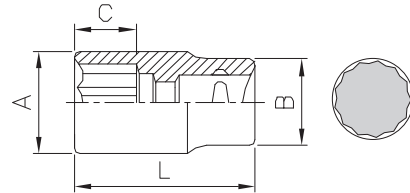
3/8"	NEW SKU#	SKU#	SIZE	L mm	A mm	B mm	C mm	WEIGHT (g)	BOX/ CTN
	STMT 72930-8B	88-135-1	22	29.0	29.8	24.0	15.5	82	4/96

## 12 Point Standard Socket – Metric

ISO 2725 / DIN 3124

- Made of Chrome Vanadium Steel
- Chromed finish for exceptional resistance to rust
- MaxiDrive™ gripping system: rounded gripping surface allows for 15% more torque and avoids rounding off fasteners, providing higher tenacity

NEW SKU#	SKU#	SIZE	L	A	B	C	WEIGHT	BOX/
			mm	mm	mm	mm	(g)	CTN
STMT 72959-8B	86-540-1	8	38.0	13.0	21.8	9.0	43	6/96
STMT 72961-8B	86-542-1	10	38.0	15.5	21.8	10.0	47	6/96
STMT 72963-8B	86-544-1	12	38.0	18.0	21.8	10.0	51	6/96
STMT 72964-8B	86-545-1	13	38.0	19.2	21.8	10.0	52	6/96
STMT 72965-8B	86-546-1	14	38.0	20.5	21.8	10.0	52	6/96
STMT 72966-8B	86-547-1	15	38.0	21.7	23.3	14.0	53	6/96
STMT 72967-8B	88-788-1	16	38.0	22.5	23.3	14.3	62	6/96
STMT 72968-8B	88-789-1	17	38.0	24.2	23.3	14.3	80	6/96
STMT 72969-8B	88-790-1	18	38.0	24.7	23.3	15.3	82	6/96
STMT 72970-8B	88-791-1	19	38.0	26.3	24.0	16.7	88	6/96
STMT 72971-8B	88-792-1	20	38.0	27.7	25.0	17.3	96	4/96
STMT 72972-8B	88-793-1	21	38.0	28.8	25.0	18.0	104	4/96
STMT 72973-8B	88-794-1	22	40.0	29.8	26.0	18.0	113	4/96
STMT 72974-8B	88-795-1	23	40.0	30.8	27.0	18.0	120	4/96
STMT 72975-8B	88-796-1	24	40.0	31.8	27.0	18.0	126	4/96
STMT 72979-8B	88-800-1	28	43.0	37.8	31.0	20.0	172	4/96



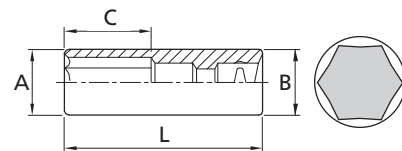
1/2"

## 6 Point Deep Socket – Metric

ISO 2725 / DIN 3124

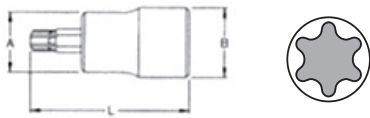
- Made of Chrome Vanadium Steel
- Chromed finish for exceptional resistance to rust
- MaxiDrive™ gripping system: rounded gripping surface allows for 15% more torque and avoids rounding off fasteners, providing higher tenacity

NEW SKU#	SKU#	SIZE	L	A	B	C	WEIGHT	BOX/
			mm	mm	mm	mm	(g)	CTN
STMT 73324-8B	93-525-1	10	79.0	15.5	22.0	17.0	124	6/96
STMT 73325-8B	93-526-1	11	79.0	16.7	22.0	18.0	129	6/96
STMT 73326-8B	93-527-1	12	79.0	18.0	22.0	19.0	129	6/96
STMT 73327-8B	93-528-1	13	79.0	19.2	22.0	21.0	134	6/96
STMT 73328-8B	93-529-1	14	79.0	20.5	22.0	25.0	134	6/96
STMT 73329-8B	93-530-1	15	79.0	21.5	22.0	28.0	134	6/96
STMT 73330-8B	93-531-1	16	79.0	22.5	22.5	31.0	149	6/96
STMT 73331-8B	93-532-1	17	79.0	24.2	24.2	34.0	154	6/96
STMT 73332-8B	93-533-1	18	79.0	25.4	25.4	34.0	164	6/96
STMT 73333-8B	93-534-1	19	79.0	26.7	26.7	34.0	189	6/96
STMT 73334-8B	93-535-1	21	79.0	27.8	27.8	34.0	194	4/32
STMT 73335-8B	93-536-1	22	79.0	27.8	27.8	34.0	199	4/32



1/2"

## 6 MECHANIC TOOLS



### Torx® Bit Socket

- Made of Chrome Vanadium Steel
- Chromed finish for exceptional resistance to rust
- MaxiDrive™ gripping system: rounded gripping surface allows for 15% more torque and avoids rounding off fasteners, providing higher tenacity

1/2"	NEW SKU#	SKU#	SIZE	L mm	A mm	B mm	BOX/ CTN
	STMT 73391-8B	89-217-1	T-27	55.0	14.0	22.0	6/96



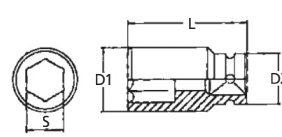
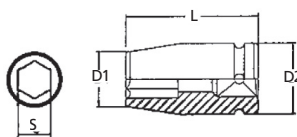
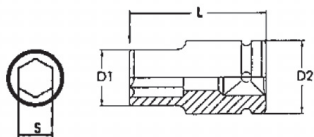
### T-handle Fixed Head 6 Point Sockets

- Made of Chrome Vanadium Steel
- Chromed finish for exceptional resistance to rust

NEW SKU#	SKU#	DESCRIPTION	BOX/ CTN
STMT 93302-8	93-302-1	T-Handle 6pt Socket 08mm x L300mm	50/50
STMT 93304-8	93-304-1	T-Handle 6pt Socket 10mm x L300mm	50/50
STMT 93306-8	93-306-1	T-Handle 6pt Socket 12mm x L300mm	50/50
STMT 93308-8	93-308-1	T-Handle 6pt Socket 14mm x L300mm	40/40

### 6 Point Standard Impact Sockets

- Chrome Molybdenum for stronger torque



1/2"	NEW SKU#	SKU#	SIZE mm	D1	D2	L1	TYPE	BOX/ CTN
	STMT 89438-8B	89-438-1	11	18.5	25	38	A	10/ 200
	STMT 89444-8B	89-444-1	17	26.0	30	38	B	10/180
	STMT 89447-8B	89-447-1	20	30.0	30	38	B	10/180
	STMT 89449-8B	89-449-1	22	32.0	30	38	C	10/150
	STMT 89450-8B	89-450-1	23	34.0	30	38	C	10/150
	STMT 89451-8B	89-451-1	24	34.0	30	38	C	10/150
	STMT 89458-8B	89-458-1	32	44.0	30	44	C	6/90