

# ULTRA THIN WRENCHES

Proto Part #	Description	Hex Size	Head Width	Head Thickness	Length	Weight
<b>Check Nut Wrenches</b>						
JKE14	7/16	7/16	1	1/8	4	0.05
JKE16	1/2	1/2	1	1/8	4	0.05
JKE18	9/16	9/16	1-1/4	5/32	4-1/2	0.11
JKE19	19/32	19/32	1-1/4	5/32	4-1/2	0.11
JKE20	5/8	5/8	1-1/2	3/16	5-1/8	0.13
JKE22	11/16	11/16	1-1/2	3/16	5-1/8	0.13
JKE24	3/4	3/4	1-1/2	7/32	6-1/8	0.19
JKE26	13/16	13/16	1-13/16	1/4	6-5/8	0.28
JKE28	7/8	7/8	1-13/16	1/4	6-5/8	0.28
JKE30	15/16	15/16	2	9/32	7-1/2	0.36
JKE32	1	1	2	9/32	7-1/2	0.35
JKE34	1-1/16	1-1/16	2-7/16	5/16	8-1/2	0.66
JKE36	1-1/8	1-1/8	2-7/16	5/16	8-1/2	0.65
JKE40	1-1/4	1-1/4	2-5/8	3/8	10	1.12
JKE42	1-5/16	1-5/16	2-5/8	3/8	10	1.12
JKE48	1-1/2	1-1/2	3-3/8	7/16	11-3/8	1.50
JKE52	1-5/8	1-5/8	3-7/16	1/2	13	2.30
JKE54	1 11/16	1-11/16	3-7/16	1/2	13	2.20
JKEM10	10 MM	10	1	1/8	4	0.05
JKEM11	11 MM	11	1	1/8	4	0.05
JKEM12	12 MM	12	1	1/8	4	0.05
JKEM13	13 MM	13	1	1/8	4	0.05
JKEM14	14 MM	14	1-1/4	5/32	4-1/2	0.11
JKEM15	15 MM	15	1-1/4	5/32	4-1/2	0.11
JKEM16	16 MM	16	1-1/2	3/16	5-1/8	0.13
JKEM17	17 MM	17	1-1/2	3/16	5-1/8	0.13
JKEM18	18 MM	18	1-1/2	3/16	5-1/8	0.13
JKEM19	19 MM	19	1-5/8	7/32	6-1/8	0.19
JKEM21	21 MM	21	1-13/16	1/4	6-5/8	0.28
JKEM22	22 MM	22	1-13/16	1/4	6-5/8	0.28
JKEM24	24 MM	24	2	9/32	7-1/2	0.36
JKEM27	27 MM	27	2-7/16	5/16	8-1/2	0.66
JKEM30	30 MM	30	1-1/4	5/16	8-1/2	0.66
JKEM32	32 MM	32	2-5/8	3/8	10	1.12
JKEM36	36 MM	36	2-5/8	3/8	10	1.12
JKEM37	37 MM	37	3-3/8	7/16	11-3/8	1.50
JKEM38	38 MM	38	3-3/8	7/16	11-3/8	1.50
JKEM41	41 MM	41	3-7/16	1/2	13	2.10

Proto Part #	Description	Hex Size	Head Width	Head Thickness	Length	Weight
<b>Service Wrenches</b>						
J3524	3/4	3/4	1-11/16	1/4	6-1/4	0.22
J3526	13/16	13/16	1-11/16	1/4	6-1/4	0.22
J3528	7/8	7/8	1-11/16	1/4	6-1/4	0.22
J3530	15/16	15/16	1-7/8	1/4	6-7/8	0.25
J3532	1	1	1-7/8	1/4	6-7/8	0.25
J3534	1-1/16	1-1/16	1-7/8	1/4	6-7/8	0.25
J3536	1-1/8	1-1/8	2-1/16	1/4	7	0.31
J3538	1-3/16	1-3/16	2-1/16	1/4	7	0.31
J3540	1-1/4	1-1/4	2-1/16	1/4	7	0.45
J3542	1-5/16	1-5/16	2-1/2	9/32	7-5/8	0.44
J3544	1-3/8	1-3/8	2-1/2	9/32	7-5/8	0.43
J3546	1-7/16	1-7/16	2-1/2	9/32	7-5/8	0.42
J3548	1-1/2	1-1/2	2-1/2	9/32	7-5/8	0.43
J3550	1-9/16	1-9/16	2-5/8	9/32	7-5/8	0.43
J3552	1-5/8	1-5/8	2-5/8	9/32	7-5/8	0.42
J3554	1-11/16	1-11/16	2-5/8	9/32	7-5/8	0.70
J3556	1-3/4	1-3/4	3-1/8	5/16	8-1/2	0.69
J3558	1-13/16	1-13/16	3-1/8	5/16	8-1/2	0.69
J3560	1-7/8	1-7/8	3-1/8	5/16	8-1/2	0.68
J3562	1-15/16	1-15/16	3-1/8	5/16	8-1/2	0.68
J3564	2	2	3-1/2	5/16	8-1/2	0.66
J3568	2-1/8	2-1/8	3-1/2	5/16	8-1/2	0.65
J3572	2-1/4	2-1/4	3-1/2	5/16	8-1/2	0.61
J3576	2-3/8	2-3/8	3-1/2	5/16	8-1/2	0.61
J3580	2-1/2	2-1/2	3-1/2	5/16	8-1/2	0.59
J3582	2-9/16	2-9/16	3-1/2	5/16	8-1/2	0.57
J3519M	19MM	19	1-11/16	1/4	6-1/4	0.22
J3521M	21MM	21	1-11/16	1/4	6-1/4	0.22
J3522M	22MM	22	1-11/16	1/4	6-1/4	0.22
J3524M	24MM	24	1-7/8	1/4	6-7/8	0.25
J3527M	27MM	27	1-7/8	1/4	6-7/8	0.25
J3530M	30MM	30	2-1/16	1/4	7	0.31
J3532M	32MM	32	2-1/16	1/4	7	0.30
J3536M	36MM	36	2-1/2	1/4	7-5/8	0.45
J3537M	37MM	37	2-1/2	9/32	7-5/8	0.43
J3538M	38MM	38	2-1/2	9/32	7-5/8	0.42
J3540M	40MM	40	2-5/8	9/32	7-5/8	0.43
J3541M	41MM	41	2-5/8	9/32	7-5/8	0.43
J3542M	42MM	42	2-5/8	9/32	7-5/8	0.43
J3544M	44MM	44	2-5/8	9/32	7-5/8	0.43
J3546M	46MM	46	3-1/8	9/32	7-5/8	0.70
J3548M	48MM	48	3-1/8	5/16	8-1/2	0.70
J3550M	50MM	50	3-1/8	5/16	8-1/2	0.68
J3552M	52MM	52	3-1/2	5/16	8-1/2	0.66
J3555M	55MM	55	3-1/2	5/16	8-1/2	0.66
J3560M	60MM	60	3-1/2	5/16	8-1/2	0.61
J3565M	65MM	65	3-1/2	5/16	8-1/2	0.57



## Ultra Thin Wrenches

- Ultra Thin Wrenches are used when high access is necessary
- Stanley Proto® offers three styles of ultra thin wrenches
  - Check Nut Wrenches
  - Service Wrenches
  - Tappet Wrenches

## Check Nut Wrenches

- Ultra thin wrench used to tighten the check nuts, jam nuts and lock nuts that hold other fasteners in place such as a wheel on a heavy piece of equipment
- Thin profile for use in close quarters for high access
- Single thin heads are set at 15° angle, permitting full rotation of a hex nut in a 30° arc to help improve speed
- Short oval shank for comfortable slip resistant grip
- Unpolished black finish to help improve safety, eliminating chrome peel and helping to prevent reflection in certain military uses.

## Service Wrenches

- Service are also used to tighten the check nuts, jam nuts and lock nuts that hold other fasteners in place such as a wheel on a heavy piece of equipment.
- Slim profile with a short oval handle for high access in close quarters such as hydraulic assemblies, to help improve access.
- Single thin heads are set at 30° angle for high leverage and to help improve speed.
- Oval, unpolished, satin finish shanks for comfortable slip resistant grip
- Chrome finish for appearance, easy cleaning and to help improve reflection if dropped in an awkward location.

# ULTRA THIN WRENCHES

## Tappet Wrenches

- Designed for high access with a slim profile
- Used when high leverage and distance from a hot assembly are required, especially on tappets, such as around an engine manifold.
- To help improve access, openings are designed to cover tappets, screws and lock nuts without excessive overhang
- Heads are set at 15° angle permitting full rotation of a hex nut in a 30° arc to help improve speed.
- Oval shanks and unpolished satin chrome finish for comfortable slip resistant grip
- Chrome finish for appearance, easy cling and to help improve reflection if dropped in an awkward location
- Double open end design
- Long shank for high leverage and to help distance operator hands from hot spots such as engine manifolds.



J3400G



FM-31.JE6T

Proto Part #	Description	Hex Size End 1	Head Width End 1	Head Thickness End 1	Hex Size End 2	Head Width End 2	Head Thickness End 2	Length	Weight
<b>Proto Tappet Wrenches</b>									
J3400G	SET WR OE THIN ANGLE 4 PC Set Includes: 7/16 X 1/2, 1/2 X 9/16, 9/16 X 5/8								0.53
J3425	WR OE 7/16 X 1/2 THIN	7/16	19/32	11/64	1/2	33/64	11/64	10	0.16
J3426	WR OE 1/2 X 9/16 THIN	1/2	43/64	11/64	9/16	19/32	11/64	10	0.16
J3430	WR OE 9/16 X 5/8 THIN	9/16	47/64	11/64	5/8	43/64	11/64	10	0.21
J3435	WR OE 11/16 X 3/4 THIN	11/16	57/64	13/64	3/4	13/16	13/64	10	0.26
J3440	WR OE 13/16 X 7/8 THIN	13/16	1 1/32	13/64	7/8	31/32	13/64	10	0.33

Facom Part #	Description	Hex Size End 1	Head Width End 1	Head Thickness End 1	Hex Size End 2	Head Width End 2	Head Thickness End 2	Length	Weight
<b>Facom Tappet Wrenches</b>									
FM-31.JE6T	SET WR OE SLIM MM 6 PC Set Includes: 8X9, 10X11, 12X13, 14X15, 16X17, 18X19								1.12
FM-31.JE9T	SET WR OE SLIM MM 9 PC Set Includes: 6X7, 8X9, 10X11, 12X13, 14X15, 16X17, 18X19, 20X22, 21X23								2.36
FM-31.6X7	WR OE SLIM 6X7MM	6	5/8	3/32	7	3/4	5/8	5 13/16	0.06
FM-31.8X9	WR OE SLIM 8X9MM	8	25/32	3/32	9	31/32	25/32	6 7/8	0.08
FM-31.10X11	WR OE SLIM 10X11MM	10	13/16	3/32	11	31/32	13/16	6 7/8	0.08
FM-31.12X13	WR OE SLIM 12X13MM	12	1 3/32	5/32	13	1 5/16	1 3/32	8 9/32	0.17
FM-31.14X15	WR OE SLIM 14X15MM	14	1 5/32	5/32	15	1 5/16	1 5/32	8 9/32	0.17
FM-31.16X17	WR OE SLIM 16X17MM	16	1 17/32	5/32	17	1 11/16	1 17/32	9 27/32	0.31
FM-31.18X19	WR OE SLIM 18X19MM	18	1 17/32	5/32	19	1 11/16	1 17/32	9 27/32	0.30
FM-31.20X22	WR OE SLIM 20X22MM	20	1 15/16	7/32	22	2 3/32	1 15/16	11 1/2	0.59
FM-31.21X23	WR OE SLIM 21X23MM	21	1 15/16	7/32	23	2 3/32	1 15/16	11 1/2	0.60