STANLEY

ULTRA THIN WRENCHES

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

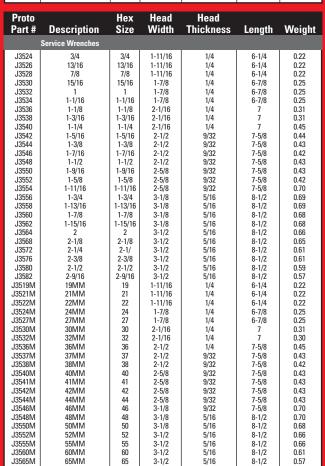
Check Nut Wrenches

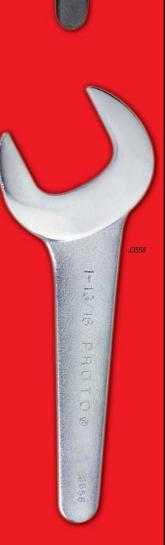
- Ultra thin wrench used to tighten the check nuts, jam nuts and lock nuts that hold other fasteners in place such as a wheel on a heavy piece of equipment
- Thin profile for use in close quarters for high access
- Single thin heads are set at 15° angle, permitting full rotation of a hex nut in a 30° 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 then 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.

	oto rt#	Description	Hex Size	Head Width	Head Thickness	Length	Weight
	_	Check Nut Wrenches					
JK	Œ14	7/16	7/16	1	1/8	4	0.05
JK	Œ16	1/2	1/2	1	1/8	4	0.05
JK	Œ18	9/16	9/16	1-1/4	5/32	4-1/2	0.11
JK	Œ19	19/32	19/32	1-1/4	5/32	4-1/2	0.11
JK	(E20	5/8	5/8	1-1/2	3/16	5-1/8	0.13
JK	Œ22	11/16	11/16	1-1/2	3/16	5-1/8	0.13
JK	(E24	3/4	3/4	1-1/2	7/32	6-1/8	0.19
JK	(E26	13/16	13/16	1-13/16	1/4	6-5/8	0.28
JK	Œ28	7/8	7/8	1-13/16	1/4	6-5/8	0.28
JK	(E30	15/16	15/16	2	9/32	7-1/2	0.36
	Œ32	1	1	2	9/32	7-1/2	0.35
	(E34	1-1/16	1-1/16	2-7/16	5/16	8-1/2	0.66
	(E36	1-1/8	1-1/8	2-7/16	5/16	8-1/2	0.65
	(E40	1-1/4	1-1/4	2-5/8	3/8	10	1.12
	Œ42	1-5/16	1-5/16	2-5/8	3/8	10	1.12
	Œ48	1-1/2	1-1/2	3-3/8	7/16	11-3/8	1.50
	(E52	1-5/8	1-5/8	3-7/16	1/2	13	2.30
	(E54	1 11/16	1-11/16	3-7/16	1/2	13	2.20
	EM10	10 MM	10	1	1/8	4	0.05
	M11	11 MM	11	1	1/8	4	0.05
	EM12	12 MM	12	1	1/8	4	0.05
	EM13	13 MM	13	1	1/8	4	0.05
	EM14	14 MM	14	1-1/4	5/32	4-1/2	0.11
	EM15	15 MM	15	1-1/4	5/32	4-1/2	0.11
	M16	16 MM	16	1-1/2	3/16	5-1/8	0.13
	M17	17 MM	17	1-1/2	3/16	5-1/8	0.13
	M18	18 MM	18	1-1/2	3/16	5-1/8	0.13
	M19	19 MM	19	1-5/8	7/32	6-1/8	0.19
	M21	21 MM	21	1-13/16	1/4	6-5/8	0.28
	M22	22 MM	22	1-13/16	1/4	6-5/8	0.28
	M24	24 MM	24	2	9/32	7-1/2	0.36
	M27	27 MM	27	2-7/16	5/16	8-1/2	0.66
	M30	30 MM	30	1-1/4	5/16	8-1/2	0.66
	M32	32 MM	32	2-5/8	3/8	10	1.12
	M36	36 MM	36	2-5/8	3/8	10	1.12
	M37	37 MM	37	3-3/8	7/16	11-3/8	1.50
	EM38 EM41	38 MM 41 MM	38 41	3-3/8 3-7/16	7/16 1/2	11-3/8 13	1.50 2.10
JKE	IVI41	41 IVIIVI	41	J-1/10	1/2	13	2.10









FM-31.JE67

Proto Part #	Description Proto Tappet Wrenches	Hex Size End 1	Head Width End 1	Head Thickness End 1		Head Width End 2	Head Thickness End 2	Length	Weight
J3400G	SET WR OE THIN ANGLE 4 PC								0.53
J3400G	Set Includes: 7/16 X 1/2, 1/2 X 9/16, 9/16 X 5/8								0.55
J3425 J3426	WR 0E 7/16 X 1/2 THIN	7/16	19/32	11/64	1/2	33/64	11/64	10	0.16 0.16
J3430	WR 0E 1/2 X 9/16 THIN WR 0E 9/16 X 5/8 THIN	1/2 9/16	43/64 47/64	11/64 11/64	9/16 5/8	19/32 43/64	11/64 11/64	10 10	0.21
J3435 J3440	WR OE 11/16 X 3/4 THIN WR OE 13/16 X 7/8 THIN	11/16 13/16	57/64 1 1/32	13/64 13/64	3/4 7/8	13/16 31/32	13/64 13/64	10 10	0.26 0.33

Facom Part #	Description Facom Tappet Wrenches	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
FM-31.JE6T	SET WR 0E SLIM MM 6 PC Set Includes: 8X9, 10X11, 12X13, 14X15, 16X17, 18X19								1.12
FM-31.JE9T	SET WR 0E SLIM MM 9 PC Set Includes: 6X7, 8X9, 10X11, 12X13, 14X15, 16X17, 18X19, 20X22, 21X23								2.36
FM-31.6X7 FM-31.8X9 FM-31.10X11 FM-31.12X13 FM-31.14X15 FM-31.16X17 FM-31.18X19 FM-31.20X22 FM-31.21X23	WR OE SLIM 6X7MM WR OE SLIM 8X9MM WR OE SLIM 10X11MM WR OE SLIM 12X13MM WR OE SLIM 14X15MM WR OE SLIM 14X15MM WR OE SLIM 18X17MM WR OE SLIM 18X19MM WR OE SLIM 20X22MM WR OE SLIM 21X23MM	6 8 10 12 14 16 18 20 21	5/8 25/32 13/16 1 3/32 1 5/32 1 17/32 1 17/32 1 15/16 1 15/16	3/32 3/32 3/32 5/32 5/32 5/32 5/32 5/32	7 9 11 13 15 17 19 22 23	3/4 31/32 31/32 1 5/16 1 5/16 1 11/16 1 11/16 2 3/32 2 3/32	5/8 25/32 13/16 1 3/32 1 5/32 1 17/32 1 17/32 1 15/16 1 15/16	5 13/16 6 7/8 6 7/8 8 9/32 8 9/32 9 27/32 9 27/32 11 1/2 11 1/2	0.06 0.08 0.08 0.17 0.17 0.31 0.30 0.59 0.60





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.