









### **HEX KEYS**

A hex key is a simple tool — about as simple as it gets. So what makes Stanley® Proto® keys a great choice? Part of the answer is the quality of our steel. The heat-treated, tempered alloy that we use today is resistant to wear and rotational distortion, and thus long-lasting.

Another reason to choose Proto is the breadth of our product line. Our keys come in nearly any type or package that you could want. These include:

Standard Hex Keys. These are used with the popular six-point hex socket screw (the mirror image of the head on 6-point bolt), which lets you safely apply more torque than you can with a comparably sized slotted or Phillips® head screw. These fasteners can also be made with a headless design that sits flush with or below the surface when tightened.

**Round Head Keys.** While not as resistant to twisting as solid hex keys, round head keys let you engage hex fasteners from angles of up to 30 degrees off axis. They're a must-have when something is blocking access to the fastener head.

**Torx® Keys.** These are designed for use with Torx® head fasteners, whose 12-point design can be tightened with even more torque than the standard hex head.

**Spline Head Keys.** These are for use with spline fasteners, which are becoming ubiquitous in aerospace and military applications.

Standard Hex and Torx® keys come in conventional and ergonomic varieties. The conventional L-Handle key has a short and a long blade connected by a 90-degree elbow. The long blade reaches into deep recesses, and makes quick work of turning a fastener. When you need torque for a stubborn fastener, simply insert the short blade

in the fastener and use the long blade as a handle. The Ergonomically designed Tee-Handle key takes the standard L-Handle design and adds a comfortable molded grip to the elbow. The grip lets you do repetitive tasks with less hand fatigue.

We make our keys in fractional and metric sizes, and in standard reach, long reach, and extra-long reach lengths. The longer lengths offer greater leverage, improved in-line access, and make it easier to apply torque. All keys are made to precise tolerances for a tight fit.

Keys can be ordered in various sets, from individual keys arranged in cloth or plastic sleeves, to key-ring or folding sets. Our folding sets are housed in a tough metal frame with comfortable resin side pieces. The frame can be held in-line with the key and used as a screwdriver, or set at a 90° angle to the key for more leverage.

Torx is a trademark of Acument Intellectual Properties, LLC

### SAFETY TIPS

- Always match the tool to the fastener. Using a hex wrench on a socket that is too large may result in damage to the fastener or the tool.
- Pull hex keys toward you. Do not push.
- Always use safety goggles. Serious eye injury is possible.



### SET NO. J4986 - 18 PC. STANDARD HEX KEY SET

- Metal storage box included.
- Weight: 3.36 lbs.

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Product		in.	
ID No.	Contents		Length
J4986	J46101	.028"	1-1/4"
	J46102	0.035"	1-1/4"
	J46103	0.050"	1-11/16"
	J46104	1/16"	1-3/4"
	J46105	5/64"	1-7/8"
	J46106	3/32"	2"
	J46107	7/64"	2-1/8"
	J46108	1/8"	2-1/4"
	J46109	9/64"	2-3/8"
	J46110	5/32"	2-1/2"
	J46112	3/16"	2-3/4"
	J46114	7/32"	3"
	J46116	1/4"	3-1/4"
	J46120	5/16"	3-3/4"
	J46124	3/8"	4-1/4"
	J46132	1/2"	5-1/4"
	J46136	9/16"	5-3/4"
	J46140	5/8"	6-1/4"



### SET NO. J4980 - 13 PC. STANDARD HEX KEY SET

- Molded plastic holder included.
- Weight: 0.60 lbs.

Product		in.		ASME
ID No.	Contents		Length	Spec.
J4980	J46103	0.050"	1-11/16"	B18.3
	J46104	1/16"	1-3/4"	B18.3
	J46105	5/64"	1-7/8"	B18.3
	J46106	3/32"	2"	B18.3
	J46107	7/64"	2-1/8"	B18.3
	J46108	1/8"	2-1/4"	B18.3
	J46109	9/64"	2-3/8"	B18.3
	J46110	5/32"	2-1/2"	B18.3
	J46112	3/16"	2-3/4"	B18.3
	J46114	7/32"	3"	B18.3
	J46116	1/4"	3-1/4"	B18.3
	J46120	5/16"	3-3/4"	B18.3
	J46124	3/8"	4-1/4"	B18.3



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### SET NO. J4981 - 11 PC. STANDARD HEX KEY SET

- Molded plastic holder included.
- Weight: 0.24 lbs.

Product ID No.	Contents	in.	Length	ASME Spec.
J4981	J46103 J46104 J46106 J46105 J46107 J46108 J46109 J46110 J46112 J46114 J46116	0.050" 1/16" 3/32" 5/64" 7/64" 1/8" 9/64" 5/32" 3/16" 7/32" 1/4"	1-11/16" 1-3/4" 2" 1-7/8" 2-1/8" 2-1/4" 2-3/8" 2-1/2" 2-3/4" 3" 3-1/4"	B18.3 B18.3 B18.3 B18.3 B18.3 B18.3 B18.3 B18.3 B18.3 B18.3



### SET NO. J4982 - 6 PC. STANDARD HEX KEY SET

- Molded plastic holder included.
- Weight: 1.2 lbs.

Product		in.		ASME
ID No.	Contents		Length	Spec.
J4982	J46105	5/64"	1-7/8"	B18.3
	J46106	3/32"	2"	B18.3
	J46108	1/8"	2-1/4"	B18.3
	J46110	5/32"	2-1/2"	B18.3
	J46112	3/16"	2-3/4"	B18.3
	J46114	7/32"	3"	B18.3
	J46116	1/4"	3-1/4"	B18.3





### SET NO. J4988M - 15 PC. STANDARD HEX KEY SET - METRIC



- Metal storage box included.
- Weight: 3.4 lbs.

Product ID No.	Contents	mm	Length (mm)
J4988M	J46300	.07	31
	J46302	.09	31
	J46304	1.3	41
	J46306	1.5	44
	J46308	2	49
	J46310	3	55
	J46312	3	62
	J46314	4	68
	J46316	5	78
	J46318	6	88
	J46320	8	98
	J46322	10	109
	J46324	12	122
	J46326	14	136
	J46328	17	156



### SET NO. J4984 - 9 PC. STANDARD HEX KEY SET - METRIC



- Molded Plastic Holder included.
- Overal Length for Hex Keys ranges from 44mm to 109mm.
- Hex size ranges from 1.5mm to 10mm.
- Weight: 0.54 lbs.

Product ID No.	Contents	mm	Length (mm)
וט ועט.	CONTENTS		(111111)
J4984	J46306	1.5	44
	J46308	2	49
	J46310	2.5	55
	J46312	3	62
	J46314	4	68
	J46316	5	78
	J46318	6	88
	J46320	8	98
	J46322	10	109
	Molded Plast	ic	
	Holder		





### SET NO. J4985 - 7 PC. HEX KEY SET - METRIC



- Molded plastic holder.
- Overall length for hex keys ranges from 44mm to 88mm.
- Hex size ranges from 1.5mm to 6mm.
- Weight: 0.16 lbs.

Product ID No.	mm	Length	_
J4985	1.5	44	
	2	44 49	
	3	55	
	3	62	
	4	68	
	5	78	
	6	88	



### SET NO. J4995 - 13 PC. ROUND HEAD HEX KEY SET

- Screws can be tightened or loosened at angles up to 25°.
- Weight: 0.82 lbs.

Product	in.	
ID No.		Length
J4995	.050"	2-5/16"
	1/6"	3-1/6"
	5/64"	3-1/4"
	3/32"	3-1/2"
	7/64"	3-11/16"
	1/8"	3-7/8"
	9/64"	4-1/8"
	5/32"	4-5/16"
	3/16"	4-11/16"
	7/32"	5-1/8"
	1/4"	5-1/2"
	5/16"	6-1/4"
	3/8"	7-1/16"
	Molded Plastic Holder	





### SET NO. J4996 - 9 PC. ROUND HEAD HEX KEY SET - METRIC



- Ball end can tighten or loosen screws at angles up to 25°.
- Weight: 1.7 lbs.

Product ID No.	mm	Length (mm)
J4996	1.5 2 2.5 3 4 5 6 8 10 Molded Plastic Holder	78 84 92 102 114 130 156 178



### SET NO. J4961 - 10 PC TORX® KEY SET

• Weight: .76 lbs.

Product ID No.	•	Length	
J4961	T10 T15 T20	2-3/8" 2-1/2" 2-11/16"	
	T25 T27 T30 T40 T45 T50	2-1/8" 3" 3-1/4" 3-15/16" 4-1/16" 4-9/16"	
	T55 Plastic Pouch	5-3/16"	





### SET NO. J4987 - 14 PC. LONG HEX KEY SET

- Metal storage box included.
- Weight: 2.28 lbs.

Product		in.	
ID No.	Contents		Length
J4987	J46203	.050"	2-7/8"
	J46204	1/16"	3"
	J46205	5/64"	3-3/16"
	J46206	3/32"	3-3/8"
	J46207	7/64"	3-9/16"
	J46208	1/8"	3-3/4"
	J46209	9/64"	3-15/16"
	J46210	5/32"	4-1/8"
	J46212	3/16"	4-1/2"
	J46214	7/32"	4-7/8"
	J46216	1/4"	5-1/4"
	J46220	5/16"	6"
	J46224	3/8"	6-3/4"
	J46228	7/16"	7-1/2"
	J46232	1/2"	8-1/4"



### SET NO. J4983 - 13 PC. LONG HEX KEY SET

- Molded plastic holder included.
- Weight: 0.84 lbs.

Product		in.		ASME
ID No.	Contents		Length	Spec.
או טוז (או טוז ) <b>J4983</b>	J46203 J46204 J46205 J46206 J46207 J46208	.050" 1/16" 5/64" 3/32" 7/64" 1/8"	2-7/8" 3" 3-3/16" 3-3/8" 3-9/16" 3-3/4"	B18.3 B18.3 B18.3 B18.3 B18.3 B18.3
	J46209 J46210 J46212 J46214 J46216 J46220 J46224	9/64" 5/32" 3/16" 7/32" 1/4" 5/16" 3/8"	3-15/16" 4-1/8" 4-1/2" 4-7/8" 5-1/4" 6" 6-3/4"	B18.3 B18.3 B18.3 B18.3 B18.3 B18.3

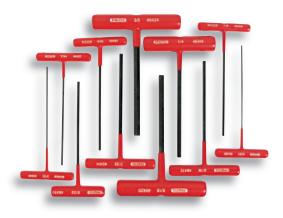




### SET NO. J4968 - 11 PC. T-HANDLE HEX KEY SET

• Weight: 3.98 lbs.

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Product		in.	
ID No.	Contents		Length
J4968	J46405	5/64"	6"
	J46406	3/32"	6"
	J46407	7/64"	6"
	J46408	1/8"	6"
	J46409	9/64"	6"
	J46410	5/32"	6"
	J46412	3/16"	6"
	J46414	1/4"	6"
	J46416	1/4"	6"
	J46420	5/16"	6"
	J46424	3/8"	6"



### SET NO. J4969 - 6 PC. METRIC T-HANDLE HEX KEY SET

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• Weight: 1.0 lbs.

Product ID No.	Contents	mm	Length
J4969	J46508 J46510 J46512 J46514 J46516 J46518	2 2.5 3 4 5	152 152 152 152 152 152



### SET NO. J4993CG - 9 PC. FOLDING HEX KEY SET

- 4-1/4" long case.
- Black oxide bits are 1-7/16" to 2-3/4" long.
- Cushioned palm grip for comfort.
- Weight: 0.47 lbs.

Product ID No.	in.	Set Screws	Fits Cap Screws 1960 Series	Cap Screws 1936 Series	ASME Spec.
J4993CG	5/64" 3/32" 7/64" 1/8" 9/64" 5/32" 3/16" 7/32" 1/4"	#8 #10, #12 — 1/4" — 5/16" 3/8" 7/16" 1/2",9/16"	#2, #3 #4, #5 #6 — #8 #10 1/4" — 5/16"	#3, #4 #5, #6 — #8 — #10 1/4" 5/16"	B18.3





### SET NO. J4978 - 9 PC. FOLDING HEX KEY SET

- Chrome plated steel case is 3-5/8" long.
- Black oxide bits are 1-1/2" to 2" long.
- Weight: 0.27 lbs.

Product	in.	Set	Cap Screws	Cap Screws
ID No.		Screws	1960 Series	1936 Series
J4978	.050"	#3, #4	#0	#0, #1
	1/16"	#5, #6	#1	#2
	5/64"	#8	#2, #3	#3, #4
	3/32"	#10, #12	#4, #5	#5, #6
	7/64"	—	#6	—
	1/8"	1/4"	——	#8
	9/64"	—	#8	—
	5/32"	5/16"	#10	#10
	3/16"	3/8"	1/4"	1/4"



### SET NO. J4993 - 9 PC. FOLDING HEX KEY SET

- Chrome plated steel case is 4-1/2" long.
- Black oxide bits are 1-7/16 tp 2-3/4" long.
- Weight: 0.47 lbs.

Product ID No.	in.	Set Screws	Cap Screws 1960 Series	Cap Screws 1936 Series
J4993	5/64" 3/32" 7/64" 1/8" 9/64" 5/32" 3/16" 7/32" 1/4"	#8 #10, #12 — 1/4" — 5/16" 3/8" 7/16" 1/2", 9/16"	#2, #3 #4, #5 #6 — #8 #10 1/4" —	#3, #4 #5, #6 — #8 — #10 1/4" 5/16"





### SET NO. J4992CG - 8 PC. FOLDING HEX KEY SET

- Case is 3" long.
- Black oxide bits are 1-1/4" to 1-15/16" long.
- Cushioned palm grip for comfort.
- Weight: 0.18 lbs.

Product ID No.	in.	Set Screws	Fits Cap Screws 1960 Series	Cap Screws 1936 Series	ASME Spec.
J4992CG	1/2" 1/16" 5/64" 3/32" 7/64" 1/8" 9/64" 5/32"	#3, #4 #5, #6 #8 #10, #12 — 1/4" — 5/16"	#0 #1 #2, #3 #4, #5 #6 — #8 #10	#0, #1 #2 #3, #4 #5, #6 — #8 — #10	B18.3



### SET NO. J4992 - 8 PC. FOLDING HEX KEY SET

- Chrome plated steel case is 3" long.
- Black oxide bits are 1-1/4" to 1-5/16" long.
- Weight: 0.18 lbs.

Product ID No.	in.	Set Screws	Cap Screws 1960 Series	Cap Screws 1936 Series
J4992	.050"	#3, #4	#0	#0, #1
	1/16"	#5, #6	#1	#2
	5/64"	#8	#2, #3	#3, #4
	3/32"	#10, #12	#4, #5	#5, #6
	7/64"	—	#6	—
	1/8"	1/4"	—	#8
	9/64"	—	#8	—
	5/32"	5/16"	#10	#10



### SET NO. J4996CG - 6 PC. FOLDING CUSHION GRIP HEX KEY SET

- Case is 5-1/2"
- Cushioned palm grip for comfort.
- Weight: 0.24 lbs.

Product ID No.	in.	
J4996CG	5/32" 3/16" 7/32" 1/4" 5/16" 3/8"	





### SET NO. J4991 - 8 PC. LONG FOLDING HEX KEY SET

- Chrome plated steel case is 5-1/4" long.
- Black oxide bits are 4" long.
- Weight: 0.61 lbs.

Product ID No.	in.	Set Screws	Cap Screws 1976 Series	Cap Screws 1936 Series
J4991	3/32" 7/64" 1/8" 9/64" 5/32" 3/16" 7/32" 1/4"	#10, #12 — 1/4" — 5/16" 3/8" 7/16" 1/2", 9/16"	#4, #5 #6 — #8 #10 1/4" — 5/16"	#5, #6  #8  #10 1/4" 5/16"



### SET NO. J4994 - 5 PC. LONG FOLDING HEX KEY SET

- Chrome plated steel case is 5-1/4" long.
- Black oxide bits are 2-7/16" to 3-1/4" long.
- Weight: 0.83 lbs.

Product	in.	Set	Cap Screws	Cap Screws	
ID No.		Screws	1960 Series	1936 Series	
J4994	3/16"	3/8"	1/4"	1/4"	
	7/32"	7/16"	<del>_</del>	5/16"	
	1/4"	1/2", 9/16"	5/16"	_	
	5/16"	5/8"	3/8"	3/8", 7/16"	
	3/8"	3/4"	7/16", 1/2"	1/2", 9/16"	



### SET NO. J4974CG - 7 PC. METRIC LONG FOLDING HEX KEY SET



- •3-1/2" long case.
- Cushioned palm grip for comfort.
- Weight: 0.31 lbs.

Product ID No.	mm	Length
J4974CG	1.5	76
	2	76
	2.5	76
	3	76
	4	76
	5	76
	6	76





### SET NO. J4973CG - 6 PC. METRIC LONG FOLDING HEX KEY SET

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- Case is 6-1/2" long.
- Black oxide bits are 5" long.
- Cushioned palm grip for comfort.
- Weight: .84 lbs.

Product	mm	
ID No.		Length
J4973CG	3	76
	4	76
	5	76
	6	76
	8	76
	10	76



### SET NO. J4974 - 7 PC. METRIC FOLDING HEX KEY SET



- Chrome plated steel case is 3-1/2" long.
- Black oxide bits are 3" long.
- Weight: 0.31 lbs.

Product ID No.	mm	Length	
J4974	1.5	76	
	2	76	
	2.5	76	
	3	76	
	4	76	
	5	76	
	6	76	



### SET NO. J4973 - 6 PC. METRIC LONG FOLDING HEX KEY SET



- Chrome plated steel case is 6-1/2" long.
- Black oxide bits are 5" long.
- Weight: 0.84 lbs.

Product ID No.	mm	Length
J4973	3	127
	4	127
	5	127
	6	127
	8	127
	10	127





### SET NO. J4979TXCG - 8 PC. TORX® FOLDING HEX KEY SET

- Cushioned palm grip for comfort.
- Weight: 0.45 lbs.

Product ID No.	<b>(*)</b>	Length	
J4979TXCG	T9 - T40	76	



### SET NO. J4979TX - 8 PC. TORX® FOLDING HEX KEY SET

• Weight: 0.45 lbs.

Product ID No.	<b>(2)</b>	Length
J4979TX	Т9	2-1/4"
	T10	2-3/8"
	T15	2-9/16"
	T20	2-5/8"
	T25	2-3/4"
	T27	2-7/8"
	T30	3"
	T40	3-1/8"



### SET NO. FF-82H.JP8U - FACOM® 8 PC. SHORT HEX KEY

• Weight: 0.6 lbs.

Product ID No.	Contents	in.	Length
FF-82H.JP8U	FF-82H.3/32	3/32"	2-3/8"
	FF-82H.1/8	1/8"	2-3/4"
	FF-82H.5/32	5/32"	2-15/16"
	FF-82H.3/16	3/16"	3-17/32"
	FF-82H.7/32	7/32"	3-3/4"
	FF-82H.1/4	1/4"	3-15/16"
	FF-82H.5/16	5/16"	4-11/32"
	FF-82H.3/8	3/8"	4-23/32"







### SET NO. FM-82H.JP9 - FACOM® 9 PC. SHORT HEX KEY SET - METRIC

M ETRIC

• Weight: 0.59 lbs.

Product ID No.	Contents	mm	Length
FM-82H.JP9	FM-82H.1.5	1.5	1-31/32"
	FM-82H.2	2	2-5/32"
	FM-82H.2.5	2.5	2-3/8"
	FM-82H.3	3	2-3/4"
	FM-82H.4	4	2-15/16"
	FM-82H.5	5	3-17/32"
	FM-82H.6	6	3-15/16"
	FM-82H.8	8	4-11/32"
	FM-82H.10	10	4-29/32"



### SET NO. FF-87H.JU8 - FACOM® 8 PC. SHORT HEX KEY RING SET

- · Silicon steel.
- Phosphate finish.
- Includes: 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16" long hex keys.
- Weight: 0.38 lbs.

Product	
ID No.	Length
FF-87H.JU8	5-1/8"



### SET NO. FM-87H.JE8 - FACOM® 8 PC. SHORT HEX KEY RING SET - METRIC



- · Silicon steel.
- Includes: 1.5, 2, 2.5, 3, 4, 5, 6, 8mm short hex keys.
- Key ring.
- Weight: 0.33 lbs.

Product	
ID No.	Length
FM-87H.JE8	150 mm





### SET NO. FF-87HL.JU8 - FACOM® 8 PC. LONG HEX KEY RING SET

- · Silicon steel.
- Phosphate finish.
- Includes: 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16" hex keys.
- •Weight: 0.51 lbs.

Product ID No.	Length
FF-87HL.JU8	7-3/32"



### SET NO. FM-87HL.JE8 - FACOM® 8 PC. LONG HEX KEY RING SET - METRIC



- · Silicon steel.
- Includes: 1.5, 2, 2.5, 3, 4, 5, 6, 8mm long hex keys.
- Key ring.
- Weight: 0.43 lbs.

Product		
ID No.	Length	
FM-87HL.JE8	150 mm	



### SET NO. FM-83H.JP9 - FACOM® 9 PC. HEX KEY SET - METRIC



• Weight: 0.77 lbs.

Product ID No.	Contents	mm	Length
FM-83H.JP9	FM-83H.1.5	1.5	2-9/16"
	FM-83H.2	2	3-5/32"
	FM-83H.2.5	2.5	3-17/32"
	FM-83H.3	3	3-3/4"
	FM-83H.4	4	4-1/8"
	FM-83H.5	5	4-29/32"
	FM-83H.6	6	5-23/32"
	FM-83H.8	8	6-1/2"
	FM-83H.10	10	7-9/23"







### SET NO. FF-83SH.JP8U - FACOM® 8 PC. LONG ROUND HEAD HEX KEY SET

• Weight: 0.81 lbs.

Product		in.	
ID No.	Contents		Length
FF-83SH.JP8U	FF-83SH.3/32	3/32"	3-17/32"
	FF-83SH.1/8	1/8"	3-3/4"
	FF-83SH.5/32	5/32"	4-11/32"
	FF-83SH.3/16	3/16"	4-29/32"
	FF-83SH.7/32	7/32"	5-23/32"
	FF-83SH.1/4	1/4"	5-29/32"
	FF-83SH.5/16	5/16"	6-11/16"
	FF-83SH.3/8	3/8"	7-9/32"



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SET NO. FM-83SH.JP9 - FACOM® 9 PC. LONG ROUND HEAD HEX KEY SET - METRIC

M ETRIC

• Weight: 0.77 lbs.

	mm	
Contents		Length
FM-83SH.1.5	1.5"	2-9/16"
FM-83SH.2	2"	3-5/32"
FM-83SH.2.5	2.5"	3-17/32"
FM-83SH.3	3"	3-3/4"
FM-83SH.4	4"	4-11/32"
FM-83SH.5	5"	4-29/32"
FM-83SH.6	6"	5-23/32"
FM-83SH.8	8"	6-5/16"
FM-83SH.10	10"	7-9/32"
	FM-83SH.1.5 FM-83SH.2 FM-83SH.2.5 FM-83SH.3 FM-83SH.4 FM-83SH.5 FM-83SH.6 FM-83SH.8	Contents         FM-83SH.1.5       1.5"         FM-83SH.2       2"         FM-83SH.2.5       2.5"         FM-83SH.3       3"         FM-83SH.4       4"         FM-83SH.5       5"         FM-83SH.6       6"         FM-83SH.8       8"



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SET NO. FM-83S.JP9L - FACOM® 9 PC. EXTRA LONG ROUND HEAD HEX KEY SET - METRIC METRIC



• Weight: 0.94 lbs.

3			
Product	0	mm	
_ID No.	Contents		Length
FM-83S.JP9L	FM-83S.1.5L	1.5"	3-3/4"
	FM-83S.2L	2"	4-1/8"
	FM-83S.2.5L	2.5"	4-17/32"
	FM-83S.3L	3"	5-1/8"
	FM-83S.4L	4"	5-23/32"
	FM-83S.5L	5"	6-1/2"
	FM-83S.6L	6"	7-9/32"
	FM-83S.8L	8"	8- 1/16"







### SET NO. FX-89.JP8 - FACOM® 8 PC. TORX® HEX KEY SET

• Weight: 0.37 lbs.

Product ID No.	Contents	•	Length
FX-89.JP8	FX-89.10	T10	2-5/32"
	FX-89.15	T15	2-3/8"
	FX-89.20	T20	2-9/16"
	FX-89.25	T25	2-3/4"
	FX-89.27	T27	2-3/4"
	FX-89.30	T30	3-5/32"
	FX-89.40	T40	3-11/32"
	FX-89.45	T45	19/32"





### SET NO. FX-89.JA8 - FACOM® 8 PC. TORX® KEY RING SET

- Includes: T8, T10, T15, T20, T25, T27, T30, T40 Torx® keys.
- Weight: 0.25 lbs.

Product		
ID No.	Length	
FX-89.JA8	3-3/4"	



### SET NO. FX-89R.JP6 - FACOM® 6 PC. TAMPER PROOF TORX® HEX KEY SET

• Weight: 0.21 lbs.

Product ID No.	Contents	<b>②</b>	Length
FX-89R.JP6	FX-89R.10	T10	2-5/32"
	FX-89R.15	T15	2-3/8"
	FX-89R.20	T20	2-9/16"
	FX-89R.25	T25	2-9/16"
	FX-89R.30	T30	3-5/32"
	FX-89R.40	T40	3-11/32"







#### SET NO. FM-80.JL7 - FACOM® 7 PC. SPLINE HEX KEY

- Includes: M5, M6, M8, M10, M12, M14, M15, M16 keys for Spline Sockets.
- Supplied in a wallet.
- •Weight: 1.93 lbs.

Product ID No.	Length	
FM-80.JL7	6-7/8"	





#### SET NO. FF-86H.JU6 - FACOM® 6 PC. FOLDING HEX KEY SAE

- Compact holder.
- Comfortable grip.
- •90° stop for high torque.
- Includes: 5/32, 3/16, 7/32, 1/4, 5/16, 3/8" hex keys.
- Weight: 0.82 lbs.

Product	
ID No.	Length
FF-86H.JU6	5-1/2"



### SET NO. FF-86H.JU7 - FACOM® 7 PC. FOLDING HEX KEY SET - METRIC

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- Compact holder.
- · Comfortable grip.
- 90° stop for high torque.
- Includes: 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4" hex keys.
- Weight: 0.35 lbs.

Product	
ID No.	Length
FF-86H.JU7	4-23/32"





### SET NO. FM-86H.JE7A - FACOM® 7 PC. FOLDING HEX KEY SET - METRIC



- Compact holder.
- · Comfortable Grip.
- 90° stop for high torque.
- •82H-series silicon steel keys.
- Includes: 2.5, 3, 4, 5, 6, 8, 10mm hex keys.
- Weight: 0.81 lbs.

Product	
ID No.	Length
FM-86H.JE7A	5-1/2"





### SET NO. FM-86H.JE7B - FACOM® 7 PC. HEX KEY SET - METRIC



- Compact holder.
- Comfortable grip.
- •90° stop for high torque.
- •82H-series silicon steel keys.
- Includes: 1.5, 2, 2.5, 3, 4, 5, 6mm hex keys.
- Weight: 0.34 lbs.

Product	
ID No.	Length
FM-86H.JE7B	118 mm



#### SET NO. FX-89A.JM8 - FACOM® 8 PC. TORX® FOLDING HEX KEY SET

- Includes: T8, T10, T15, T20, T25, T27, T30, T40 Torx® keys.
- Weight: 0.6 lbs.

Product		
ID No.	Length	
FX-89A.JM8	5-1/2"	



### SET NO. FX-89R.JM8 - FACOM® 8 PC. TORX® TAMPER PROOF HEX KEY SET

- Includes: T8, T10, T15, T20, T25, T27, T30, T40 tamper resistant Torx® keys.
- Weight: 0.6 lbs.

Product		
ID No.	Length	
FX-89R.JM8	5-1/2"	





### **STANDARD HEX KEYS**

Product	in.	Short Arm	Long Arm	Weight
ID No.		Length	Length	lbs.
J46101	.028"	1/8"	1-1/4"	0.01
J46102	0.035"	3/16"	1-1/4"	0.01
J46103	0.050"	1/2"	1-11/16"	0.01
J46104	1/16"	9/16"	1-3/4"	0.01
J46105	5/64"	5/8"	1-7/8"	0.01
J46106	3/32"	11/16"	2"	0.01
J46107	7/64"	23/32"	2-1/8"	0.01
J46108	1/8"	3/4"	2-1/4"	0.01
J46109	9/64"	13/16"	2-3/8"	0.02
J46110	5/32"	27/32"	2-1/2"	0.02
J46112	3/16"	15/16"	2-3/4"	0.03
J46114	7/32"	1"	3"	0.05
J46116	1/4"	1-1/8"	3-1/4"	0.07
J46120	5/16"	1-1/4"	3-3/4"	0.10
J46124	3/8"	1-3/8"	4-1/4"	0.19
J46128	7/16"	1-1/2"	4-3/4"	0.31
J46132	1/2"	1-5/8"	5-1/4"	0.31
J46136	9/16"	1-3/4"	5-3/4"	0.58
J46140	5/8"	1-7/8"	6-1/4"	0.79



### STANDARD HEX KEYS - METRIC



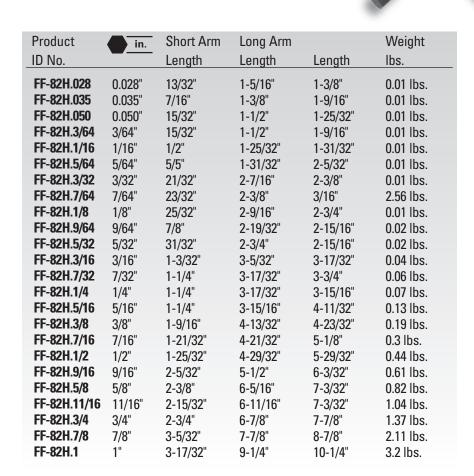
Product	mm	Short Arm	Long Arm	Weight
ID No.		Length	Length	lbs.
J46300	.07	6	31	0.01
J46302	.09	9	31	0.01
J46304	1.3	13	41	0.01
J46306	1.5	13	44	0.01
J46308	2	16	49	0.01
J46310	3	18	55	0.01
J46312		19	62	0.01
J46314	4	24	68	0.01
J46316	5	27	78	0.04
J46318	6	31	88	0.07
J46320	8	35	98	0.13
J46322	10	39	109	0.23
J46324	12	44	122	0.36
J46326	14	55	136	0.57
J46328	17	61	156	0.95





### FACOM® STANDARD SHORT HEX KEYS

- · Standard short hex keys.
- · Silicon steel.





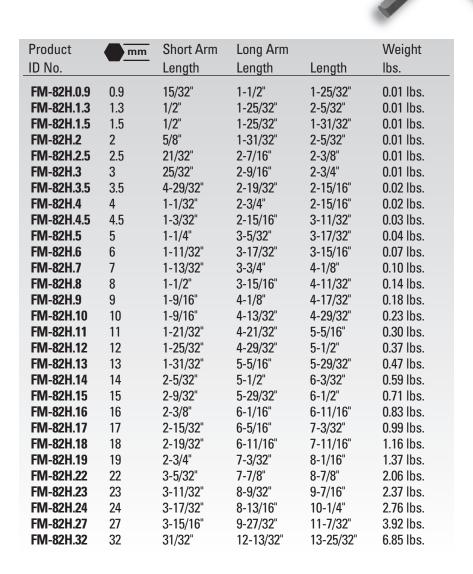


#### FACOM® STANDARD SHORT HEX KEYS - METRIC

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**➡** FACOM

- · Silicon steel.
- Phosphate finish.







### FACOM® LONG HEX KEYS



- Silicon steel.
- Standard length.

Product	mm	Short Arm	Long Arm		Weight
ID No.		Length	Length	Length	lbs.
FM-83H.1.5	1.5	9/16"	2-7/16"	2-9/16"	0.01 lbs.
FM-83H.2	2	5/8"	2-15/16"	3-5/32"	0.01 lbs.
FM-83H.2.5	2.5	23/32"	3-11/32"	3-17/32"	0.01 lbs.
FM-83H.3	3	25/32"	3-17/32"	3-3/4"	0.02 lbs.
FM-83H.3.5	3.5	31/32"	3-3/4"	3-15/16"	0.02 lbs.
FM-83H.4	4	31/32"	3-15/16"	4-1/8"	0.03 lbs.
FM-83H.4.5	4.5	1-1/32"	4-11/32"	4-23/32"	0.04 lbs.
FM-83H.5	5	1-3/32"	4-17/32"	4-29/32"	0.06 lbs.
FM-83H.6	6	1-1/4"	5-5/16"	5-23/32"	0.09 lbs.
FM-83H.7	7	1-11/32"	5-1/2"	5-29/32"	0.13 lbs.
FM-83H.8	8	1-13/32"	5-29/32"	6-1/2"	0.18 lbs.
FM-83H.9	9	1-1/2"	6-5/16"	6-7/8"	0.25 lbs.
FM-83H.10	10	1-9/16"	6-11/16"	7-9/23"	0.32 lbs.
FM-83H.11	11	1- 21/32"	7- 3/32"	7-11/16"	0.41 lbs.
FM-83H.12	12	1-25/32"	7-15/32"	8-1/16"	0.51 lbs.
FM-83H.13	13	1-31/32"	7-7/8"	8-21/32"	0.63 lbs.
FM-83H.14	14	2-7/32"	8-15/32"	9-1/4"	0.8 lbs.
FM-83H.15	15	2-9/32"	8-27/32"	9-21/32"	0.96 lbs.
FM-83H.16	16	2-3/8"	9-1/4"	10-1/32"	1.14 lbs.
FM-83H.17	17	2-15/32"	9-21/32"	10-5/8"	1.34 lbs.
FM-83H.18	18	2-19/32"	10-1/32"	10-27/32"	1.57 lbs.
FM-83H.19	19	2-3/4"	10-7/16"	11/32"	1.83 lbs.
FM-83H.22	22	3-5/32"	10-13/16"	11-13/16"	2.6 lbs.
FM-83H.23	23	3-11/32"	11-7/32"	12-3/16"	2.96 lbs.
FM-83H.24	24	3-17/32"	11-25/32"	13"	3.4 lbs.
FM-83H.27	27	3-15/16"	12-13/32"	13-25/32"	4.62 lbs.
FM-83H.32	32	4-29/32"	14-11/32"	15-9/16"	7.62 lbs.





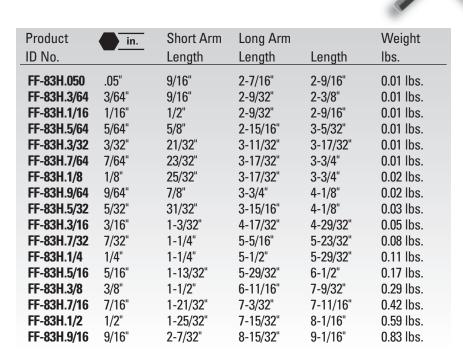
### **LONG HEX KEYS**

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Product	in.			Weight
ID No.		Long Arm	Short Arm	lbs.
J46203	.050"	2-7/8"	1/2"	0.01 lbs.
J46204	1/16"	3"	9/16"	0.01 lbs.
J46205	5/64"	3-3/16"	5/8"	0.02 lbs.
J46206	3/32"	3-3/8"	11/16"	0.01 lbs.
J46207	7/64"	3-9/16"	23/32"	0.01 lbs.
J46208	1/8"	3-3/4"	3/4"	0.02 lbs.
J46209	9/64"	3-15/16"	13/16"	0.03 lbs.
J46210	5/32"	4-1/8"	27/32"	0.03 lbs.
J46212	3/16"	4-1/2"	15/16"	0.05 lbs.
J46214	7/32"	4-7/8"	1"	0.07 lbs.
J46216	1/4"	5-1/4"	1-1/8"	0.10 lbs.
J46220	5/16"	6"	1-1/4"	0.17 lbs.
J46224	3/8"	6-3/4"	1-3/8"	0.28 lbs.
J46228	7/16"	7-1/2"	1-1/2"	0.45 lbs.
J46232	1/2"	8-1/4"	1-5/8"	0.61 lbs.



#### FACOM® LONG HEX KEYS

Long hex keys.







**FACOM** 

### FACOM® HEX KEYS - LONG ROUND HEAD

- Long hex key with spherical head.
- Silicon steel.

Product         Short Arm         Long Arm         Weight           ID No.         In.         Short Arm         Long Arm         Weight           FF-83SH.3/32         3/32"         3-11/32"         3-17/32"         0.01 lbs.           FF-83SH.1/8         1/8"         3-17/32"         3-17/32"         3-3/4"         0.02 lbs.           FF-83SH.5/32         5/32"         3-15/16"         3-15/16"         4-11/32"         0.03 lbs.           FF-83SH.3/16         3/16"         4-17/32"         4-17/32"         4-29/32"         0.05 lbs.           FF-83SH.7/32         7/32"         5-5/16"         5-5/16"         5-23/32"         0.08 lbs.           FF-83SH.1/4         1/4"         5-1/2"         5-1/4"         5-29/32"         0.11 lbs.           FF-83SH.5/16         5/16"         5-20/32"         6/11/16"         0.18 lbs.						
FF-83SH.1/8         1/8"         3-17/32"         3-17/32"         3-3/4"         0.02 lbs.           FF-83SH.5/32         5/32"         3-15/16"         3-15/16"         4-11/32"         0.03 lbs.           FF-83SH.3/16         3/16"         4-17/32"         4-17/32"         4-29/32"         0.05 lbs.           FF-83SH.7/32         7/32"         5-5/16"         5-5/16"         5-23/32"         0.08 lbs.           FF-83SH.1/4         1/4"         5-1/2"         5-1/4"         5-29/32"         0.11 lbs.		in.		· ·	Length	
	FF-83SH.3/32 FF-83SH.1/8 FF-83SH.5/32 FF-83SH.3/16 FF-83SH.7/32 FF-83SH.1/4 FF-83SH.5/16	1/8" 5/32" 3/16" 7/32" 1/4" 5/16"	3-11/32" 3-17/32" 3-15/16" 4-17/32" 5-5/16" 5-1/2" 5-29/32"	3-11/32" 3-17/32" 3-15/16" 4-17/32" 5-5/16" 5-1/4" 5-29/32"	3-17/32" 3-3/4" 4-11/32" 4-29/32" 5-23/32" 5-29/32" 6-11/16"	0.02 lbs. 0.03 lbs. 0.05 lbs. 0.08 lbs. 0.11 lbs. 0.18 lbs.
<b>FF-83SH.3/8</b> 3/8" 6-11/16" 6-11/16" 7-9/32" 0.28 lbs.	П-033П.3/0	3/0	0-11/10	0-11/10	1-3/32	0.20 105.





- Long hex key with spherical head.
- Silicon steel.

Product ID No.	mm	Short Arm Length	Long Arm Length	Length	Weight lbs.
FM-83SH.1.5	1.5	9/16"	2-7/16"	2-9/16"	0.01 lbs.
FM-83SH.2		5/8"	2-15/16"	3-5/32"	0.01 lbs.
FM-83SH.2.5	2.5	23/32"	3-11/32"	3-17/32"	0.01 lbs.
FM-83SH.3	3	25/32"	3-17/32"	3-3/4"	0.02 lbs.
FM-83SH.4	4	31/32"	3-15/16"	4-11/32"	0.03 lbs.
FM-83SH.5	5	1-3/32"	4-17/32"	4-29/32"	0.06 lbs.
FM-83SH.6	6	1-1/4"	5-5/16"	5-23/32"	0.09 lbs.
FM-83SH.7	7	1-11/32"	5-1/2"	6-3/32"	0.13 lbs.
FM-83SH.8		1-13/32"	5-29/32"	6-5/16"	0.18 lbs.
FM-83SH.9	9	1-1/2"	6-5/16"	6-11/16"	0.24 lbs.
FM-83SH.10	10	1-9/16"	6-11/16"	7-9/32"	0.32 lbs.
FM-83SH.12	12	1-25/32"	7-15/32"	8-1/16"	0.51 lbs.
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### FACOM® HEX KEYS - EXTRA LONG ROUND HEAD - METRIC



- Extra-long hex key with spherical head.
- Long length for leverage, high torque and to help improve in-line access.

Product	mm	Short Arm	Long Arm		Weight
ID No.		Length	Length	Length	lbs.
FM-83S.1.5L	1.5	9/16"	3-1/2"	3-3/4"	0.01 lbs.
FM-83S.2L	2	5/8"	3-15/16"	4-1/8"	0.01 lbs.
FM-83S.2.5L	2.5	23/32"	4-3/8"	4-17/32"	0.01 lbs.
FM-83S.3L	3	31/32"	4-7/8"	5-1/8"	0.02 lbs.
FM-83S.4L	4	1-3/32"	5-7/16"	5-23/32"	0.04 lbs.
FM-83S.5L	5	1-1/4"	6-1/4"	6-1/2"	0.07 lbs.
FM-83S.6L	6	1-11/32"	7-1/16"	7-9/32"	0.11 lbs.
FM-83S.7L	7	1-13/32"	7-13/32"	7-11/16"	0.16 lbs.
FM-83S.8L	8	1-9/16"	7-25/32"	8- 1/16"	0.22 lbs.
FM-83S.10L	10	1-9/16"	8-11/16"	8-11/16"	0.44 lbs.
FM-83S.12L	12	1-25/32"	9-23/32"	9-23/32"	0.71 lbs.



#### FACOM® TORX® KEYS

- CAMCAR specifications.
- Burnished finish.

Product		Short Arm	Long Arm		Weight
ID No.		Length	Length	Length	lbs.
FX-89.6	T6	23/32"	2"	1-31/32"	0.01 lbs.
FX-89.7	T7	23/32"	2-1/32"	2-5/32"	0.01 lbs.
FX-89.8	T8	23/32"	2-1/32"	2-5/32"	0.01 lbs.
FX-89.9	T9	25/32"	2-1/32"	2-5/32"	0.01 lbs.
FX-89.10	T10	25/32"	2-3/32"	2-5/32"	0.01 lbs.
FX-89.15	T15	27/32"	2-1/4"	2-3/8"	0.01 lbs.
FX-89.20	T20	15/16"	2-13/32"	2-9/16"	0.02 lbs.
FX-89.25	T25	25/32"	2-1/4"	2-3/4"	0.03 lbs.
FX-89.27	T27	1-1/16"	2-5/8"	2-3/4"	0.03 lbs.
FX-89.30	T30	1-3/16"	3"	3-5/32"	0.04 lbs.
FX-89.40	T40	1-11/32"	3-9/32"	3-11/32"	0.07 lbs.
FX-89.45	T45	1-15/32"	3-15/32"	19/32"	4.33 lbs.
FX-89.50	T50	1-5/8"	4-3/16"	4-11/32"	0.16 lbs.
FX-89.55	T55	1-7/8"	4-3/4"	4-23/32"	0.26 lbs.





### FACOM® TAMPER PROOF TORX® KEYS

- CAMCAR specifications.
- Burnished finish.
- Tamper resistant.

Product O	Short Arm Length	Long Arm Length	Length	Weight lbs.
FX-89R.10 T10	25/32"	2-1/8"	2-5/32"	0.01 lbs.
FX-89R.15 T15	13/16"	2-1/4"	2-3/8"	0.01 lbs.
FX-89R.20 T20	15/16"	2-13/32"	2-9/16"	0.02 lbs.
FX-89R.25 T25	31/32"	2-9/16"	2-9/16"	0.03 lbs.
<b>FX-89R.30</b> T30 <b>FX-89R.40</b> T40	1-3/16"	3"	3-5/32"	0.04 lbs.
	1-5/16"	3-9/32"	3-11/32"	0.07 lbs.



### **T-HANDLE HEX KEYS**

- T-handle design for torque.
- Cushion grip handle provides added comfort.
- Hex size is stamped on the handle for easy identification.

Product	in.	Handle		Weight	
ID No.		Width	Length	lbs.	
J46405	5/64"	3"	6"	0.11 lbs.	
J46406	3/32"	3"	6"	0.11 lbs.	
J46407	7/64"	3"	6"	0.14 lbs.	
J46408	1/8"	3"	6"	0.11 lbs.	
J46409	9/64"	3"	6"	0.14 lbs.	
J46410	5/32"	3"	6"	0.32 lbs.	
J46412	3/16"	4"	6"	0.63 lbs.	
J46416	1/4"	4"	6"	0.82 lbs.	
J46420	5/16"	6"	6"	0.89 lbs.	
J46424	3/8"	6"	6"	0.90 lbs.	



### T-HANDLE HEX KEYS - METRIC

- T-handle design for greater torque.
- Cushion grip handle provides added comfort.
- Hex size is stamped on the handle for easy identification.

Product ID No.	mm	Handle Length	Length	Weight lbs.
J46508 J46510 J46512 J46514 J46516 J46518	2 2.5 3 4 5	76 76 76 76 101	152 152 152 152 152 152	0.13 0.11 0.13 0.14 0.32 0.62





### FACOM® T-HANDLE HEX KEYS

- Ergonomically designed t-handle allows for effective use of either end of key.
- Polished phosphate finish.
- · Silicon steel.

Product ID No.	in.	Short Arm Length	Long Arm Length	Length	Weight lbs.
FF-84TZ.5/32 FF-84TZ.3/16 FF-84TZ.7/32 FF-84TZ.1/4 FF-84TZ.3/8 FF-84TZ.5/16	5/32" 3/16" 7/32" 1/4" 3/8" 5/16"	3-1/32" 3-1/32" 3-3/4" 3-3/4" 3-3/4"	7-7/32" 7-7/32" 9-7/16" 9-7/16" 9-7/16" 9-7/16"	7-9/32" 25/32" 9-21/32" 9-21/32" 25/32" 9-21/32"	0.12 lbs. 7.28 lbs. 0.24 lbs. 0.27 lbs. 7.28 lbs. 0.38 lbs.



### FACOM® T-HANDLE HEX KEYS METRIC



- Ergonomically designed t-handle allows for effective use of either end of key.
- Polished phosphate finish.
- · Silicon steel.

Product ID No.	mm	Short Arm Length	Long Arm Length	Length	Weight lbs.
FM-84TZ.2.5	2.5	2-15/32"	2-15/32"	5-1/2"	0.05 lbs.
FM-84TZ.3	3	2-15/32"	2-15/32"	5-5/16"	0.06 lbs.
FM-84TZ.4	4	3-1/32"	2-15/32"	7-9/32"	0.12 lbs.
FM-84TZ.5	5	3-1/32"	3-1/32"	7-9/32"	0.15 lbs.
FM-84TZ.6	6	3-3/4"	3-3/4"	9-21/32"	0.26 lbs.
FM-84TZ.8	8	3-3/4"	3-3/4"	9-7/16"	0.37 lbs.
FM-84TZ.10	10	3-3/4"	9-7/16"	9-7/16"	0.51 lbs.



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#### FACOM® T-HANDLE HEX KEYS METRIC ROUND



- Ergonomically designed t-handle allows for effective use of either end of key.
- Spherical head gives a working angle of up to 30°.
- Short shank provides extra torque for tightening.
- Polished phosphate finish.

Product ID No.	mm	Short Arm Length	Long Arm Length	Length	Weight lbs.
FM-84TZS.4 FM-84TZS.5 FM-84TZS.6 FM-84TZS.8 FM-84TZS.10	4 5 6 8 10	3-1/32" 3-1/32" 3-3/4" 3-3/4"	7-7/32" 7-7/32" 9-7/16" 9-7/16" 9-7/16"	7-15/32" 7-9/32" 9-21/32" 9-7/16" 9-7/16"	0.12 lbs. 0.15 lbs. 0.25 lbs. 0.31 lbs. 0.37 lbs.



### FACOM® T-HANDLE TORX® KEYS

- Ergonomically designed t-handle allows for effective use of either end of key.
- Chrome finish, sandblasted tips.

Product ID No.	<b>(*)</b>	Short Arm Length	Long Arm Length	Length	Weight lbs.
FX-89TX.6	T6	5-1/4"	2-15/32"	5-1/2"	0.05 lbs.
FX-89TX.7	T7	5-1/4"	2-15/32"	5-5/16"	0.05 lbs.
FX-89TX.8	T8	5-1/4"	2-15/32"	5-5/16"	0.05 lbs.
FX-89TX.9	T9	5-1/4"	2-15/32"	5-5/16"	0.05 lbs.
FX-89TX.10	T10	5-1/4"	2-15/32"	5-1/2"	0.05 lbs.
FX-89TX.15	T15	5-1/4"	2-5/32"	5-5/16"	0.06 lbs.
FX-89TX.20	T20	7-7/32"	3-1/32"	7-9/32"	0.11 lbs.
FX-89TX.25	T25	7-7/32"	3-1/32"	7-9/32"	0.14 lbs.
FX-89TX.27	T27	7-7/32"	3-1/32"	7-9/32"	0.15 lbs.
FX-89TX.30	T30	9-7/16"	3-3/4"	9-7/16"	0.24 lbs.
FX-89TX.40	T40	9-7/16"	3-3/4"	9-21/32"	0.3 lbs.
FX-89TX.45	T45	9-7/16"	3-3/4"	9-21/32"	0.36 lbs.
FX-89TX.50	T50	9-7/16"	3-3/4"	9-21/32"	0.48 lbs.



### WARRANTY AND DISCLAIMER

#### LIMITED LIFETIME WARRANTY

The Stanley Works and Proto Industrial Tools (collectively referred to as "TSW/Proto") warrants any of its Proto manufactured products for the useful life of the product against deficiency in material or workmanship.

Torque Wrenches, Multipliers and Testers are warranted for one year, except for calibration which is warranted for 90 days from date of purchase. Torque products can be repaired and recalibrated for a nominal charge at the Stanley Proto Authorized repair center (2195 East View Parkway, Suite 103 Conyers, GA 30013). Defects in material or workmanship will be repaired or replaced at no cost, all other repairs will be at a nominal charge. Torque products are precise measuring devices that require care in handling. Stanley Proto recommends that all micrometer wrenches be recalibrated once a year or more, depending on usage.

#### DISCLAIMERS AND LIMITATIONS

- Is subject to the disclaimers and limitations described below and is in lieu of all other warranties, express or implied, including the implied warranty of merchantability or fitness for a particular purpose.
- Gives you specific legal rights. You may also have other rights that vary by state.
- Does not extend to products that have been improperly used, altered, or repaired by any entity other than TSW/Proto.
- Does not extend to any claim for incidental, consequential, or special damages. Some states do not allow the exclusion of limitation of incidental or consequential damages, so this exclusion may not apply to you.
- TSW/Proto makes no representations beyond those contained in this Limited Lifetime Warranty.
- Agents of TSW/Proto have no authority to make representations of any sort beyond those contained in this Limited Lifetime Warranty.

#### **EXCLUSIVE REMEDY AND CLAIM PROCEDURE**

- Distributors of record must act as a return agent.
- The exclusive remedy under this Limited Lifetime Warranty for products determined to be deficient in materials or workmanship by TSW/Proto is repair or replacement with a reconditioned tool of equal value by TSW/Proto.
- The selected remedy is at the sole discretion of TSW/Proto.
   In no event shall TSW/Proto be responsible for more than the original purchase price of the product.

