

For more information on Wrenches, see page 780.







SAE Flare Nut 426G88

Metric Ratcheting Open End 41YF65

SAE Box End **Torque Adapter** 1**Q**811

PROTO B WESTWARD GEARWRENCH®

Crowfoot Wrenches

Alloy steel material

Flare-nut and open-end wrench heads attach to a ratchet wrench or socket wrench handle to loosen or tighten fasteners in hard-to-reach spaces. SAE box end torque adapters have an enclosed head end that grips the entire head of

the fastener and allows a specific torque to be applied.						
Drive Size SAE Flare Nut	Head Size	Opening Type	Overall Length	Brand	Item No.	
JAL I Idic Nut	5/8 in	12-Point Flare Nut	1 ¾ in	Proto	426G88	
JI.	11/ ₁₆ in	12-Point Flare Nut	1 13/16 in	Proto	426G90	
	3/4 in	12-Point Flare Nut	1 15/16 in	Proto	426G92	
	13/16 in	12-Point Flare Nut	2 in	Proto	426G94	
3% in ⋅	7/8 in	12-Point Flare Nut	2 ½ in	Proto	426G96	
	15/16 in	12-Point Flare Nut	2 3% in	Proto	426G97	
	1 ½ in	12-Point Flare Nut	2 ¾ in	Proto	426G99	
	1 in	12-Point Flare Nut	2 ½ in	Proto	426G98	
	1 1/8 in	12-Point Flare Nut	2 13/16 in	Proto	426H01	
	1 3/16 in	12-Point Flare Nut	2 % in	Proto	426H02	
	1 ½ in	12-Point Flare Nut	3 in	Proto	426H03	
	1 ½ in	12-Point Flare Nut	3 ½16 in	Proto	426H07	
	1 7/16 in	12-Point Flare Nut	3 % in	Proto	426H06	
47.	1 5% in	12-Point Flare Nut	3 ¾ in	Proto	426H09	
½ in -	1 ¾ in	12-Point Flare Nut	3 % in	Proto	426H11	
	1 5/16 in	12-Point Flare Nut	3 ½16 in	Proto	426H04	
	1 % in	12-Point Flare Nut	3 5/16 in	Proto	426H05	
	1 1/8 in	12-Point Flare Nut	4 1/4 in	Proto	426H13	
	1 13/16 in	12-Point Flare Nut	4 in	Proto	426H12	
	2 in	12-Point Flare Nut	4 7/16 in	Proto	426H15	
SAE Open End	2 111	12 TOILL Flate Nut	7 / 10 111	11010	7201110	
	1/4 in	Rounded	15/16 in	Proto	449P60	
1/4 in	5/16 in	Rounded	1 in	Proto	449P62	
	7/16 in	Rounded	1 3/16 in	Proto	449P78	
	½ in	Rounded	1 5/16 in	Proto	449P81	
	9/16 in	Rounded	1 % in	Proto	449P84	
	5% in	Rounded	1 ½ in	Proto	449P87	
	11/ ₁₆ in	Rounded	1 31/64 in	Proto	449P90	
% in	3/4 in	Rounded	1 41/64 in	Proto	449P93	
	3/4 in	Rounded	1 % in	Westward	54PR40	
	13/16 in	Rounded	1 5/8 in	Proto	449P95	
	7/8 in	Rounded	1 19/32 in	Proto	449P96	
	⅓ in	Rounded	2 7/32 in	Westward	54PR42	
	15/16 in	Rounded	1 5/8 in	Proto	449P97	
	15/16 in	Rounded	2 11/32 in	Westward	54PR43	
	1 in	Rounded	1 49/64 in	Proto	449P98	
	1 1/8 in	Rounded	2 7/32 in	Proto	449R01	
	1 1/4 in	Rounded	2 5/32 in	Proto	449R03	
	1 ½ in	Rounded	2 3/16 in	Proto	449P99	
	1 ½ in	Rounded	2 11/16 in	Proto	449R07	
	1 % in	Rounded	2 ½ in	Proto	449R05	
	1 3/16 in	Rounded	2 1/32 in	Proto	449R02	
	1 13/16 in	Rounded	3 1/16 in	Proto	449R12	
	1 % in	Rounded	3 1/8 in	Proto	449R13	
	2 in	Rounded	3 % in	Proto	449R15	
	2 3/16 in	Rounded	3 % in	Proto	449R18	
	2 3/4 in	Rounded	4 11/16 in	Proto	449R27	
	2 5/8 in	Rounded	4 ½ in	Proto	449R25	
	2 1/8 in	Rounded	4 15/16 in	Proto	449R29	
	2 % in	Rounded	4 5/16 in	Proto	449R24	
	3 in	Rounded	5 in	Proto	449R31	

15/6 in Rounded 2 13/6 in Proto 449R32 1 1/6 in Rounded 2 1/6 in Proto 449R34 1 in Rounded 2 1/4 in Proto 449R33 1 1/6 in Rounded 3 1/6 in Proto 449R35 1 1/6 in Rounded 3 1/6 in Proto 449R35 1 1/6 in Rounded 3 3/6 in Proto 449R40 1 1/6 in Rounded 3 3/6 in Proto 449R40 1 1/6 in Rounded 3 3/6 in Proto 449R47 1 1/6 in Rounded 3 1/6 in Proto 449R47 1 1/6 in Rounded 3 1/6 in Proto 449R47 1 1/6 in Rounded 3 3/6 in Proto 449R38 1 1/6 in Rounded 3 3/6 in Proto 449R38 1 1/6 in Rounded 3 3/6 in Proto 449R38 1 1/6 in Rounded 3 3/6 in Proto 449R38 1 1/6 in Rounded 3 1/6 in Proto 449R45 1 1/6 in Rounded 3 1/6 in Proto 449R48 1 1/6 in Rounded 3 1/6 in Proto 449R48 2 1/1 in Rounded 3 1/6 in Proto 449R48 2 1/1 in Rounded 3 1/6 in Proto 449R48 2 1/6 in Rounded 4 1/6 in Proto 449R49 2 1/6 in Rounded 4 1/6 in Proto 449R49 2 1/6 in Rounded 4 1/6 in Proto 449R49 2 1/6 in Rounded 4 1/6 in Proto 449R49 2 1/6 in Rounded 4 1/6 in Proto 449R49 2 1/6 in Rounded 4 1/6 in Proto 449R49 2 1/6 in Rounded 4 1/6 in Proto 449R49 2 1/6 in Rounded 4 1/6 in Proto 449R49 2 1/7 in Rounded 4 1/6 in Proto 449R49 2 1/7 in Rounded 4 1/6 in Proto 449R49 2 1/7 in Rounded 4 1/6 in Proto 449R49 2 1/7 in Rounded 4 1/6 in Proto 449R49 2 1/7 in Rounded 4 1/6 in Proto 449R49 2 1/7 in Rounded 4 1/6 in Proto 449R49 2 1/7 in Rounded 4 1/6 in Proto 449R49 2 1/7 in Rounded 4 1/6 in Proto 449R49 2 1/7 in Rounded 4 1/6 in Proto 449R49 2 1/7 in Rounded 4 1/6 in Proto 449R49 2 1/7 in Rounded 4 1/6 in Proto 449R49 2 1/7 in Rounded 4 1/6 in Proto 449R49 2 1/7 in Rounded 4 1/6 in Proto 449R49 2 1/7 in	Drive Size	Head Size	Opening Type	Overall Length	Brand	Item No.
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2 % in Rounded 4 7/16 in Proto 449R51			Rounded		Proto	
			Rounded	4 1/16 in	Proto	
		2 % in	Rounded	4 7/16 in	Proto	
2 ½ in Rounded 4 ½ in Proto 449H53		2 ½ in	Rounded	4 ½ in	Proto	449R53

2 ½ in Rounded 4 ½ in Proto 449	R53 RM D. AX6 AX7 AX7 AX8 AY7 AY4 AY7 AY4 AY7 AY7 AY7 AY7 AY7 AY7 AY7 AY7 AY7 AY7
Drive Size	m X6 X7 X8 X7 X8 X9
Prive Size Head Size Opening Type Length Brand Nimetric Flare Nut	0. AX6 AX7 AX8 AY0 AY3 AY4 AY6 AY7 P61 P77 P83 R53 P85 R55 P86 P94
Netric Flare Nut	AX6 AX7 AX8 AY0 AY3 AY4 AY6 AY7 P61 P77 P83 R53 P85 R55 P85 P86 P94
9 mm 6-Point Flare Nut 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NX7 NX8 NY0 NY3 NY4 NY6 NY7 P61 P77 P83 R53 P85 P85 P86 P94
10 mm 6-Point Flare Nut	NX7 NX8 NY0 NY3 NY4 NY6 NY7 P61 P77 P83 R53 P85 P85 P86 P94
11 mm	AX8 AY0 AY3 AY4 AY6 AY7 P61 P77 YR4 P83 R53 P85 P85 P86 P94
12 mm	NYO NY3 NY4 NY6 NY7 P61 P77 'R4 P83 R53 P85 R55 P86 P94
14 mm	NY3 NY4 NY6 NY7 P61 P77 'R4 P83 R53 P85 R55 P86 P94
14 mm	NY4 NY6 NY7 P61 P77 'R4 P83 R53 R55 P85 P86 P94
16 mm 6-Point Flare Nut 1 5% in Proto 5N/ 17 mm 6-Point Flare Nut 1 23½2 in Proto 5N/ Metric Open End	NY6 NY7 P61 P77 'R4 P83 R53 P85 R55 P86 P94
17 mm	P61 P77 'R4 P83 R53 P85 P85 P86 P94
Metric Open End	P61 P77 'R4 P83 R53 P85 R55 P86 P94
14 in	P77 'R4 P83 R53 P85 R55 P86 P94
13 mm	P77 'R4 P83 R53 P85 R55 P86 P94
13 mm	'R4 P83 R53 P85 R55 P86 P94
17 mm	P83 R53 P85 R55 P86 P94
17 mm	R53 P85 R55 P86 P94
18 mm	P85 R55 P86 P94
18 mm	R55 P86 P94
19 mm	P86 P94
24 mm	P94
22 mm	
22 mm	324
26 mm	
26 mm	326
28 mm	328
28 mm	
29 mm	330
32 mm	331
36 mm	332
38 mm	333
41 mm	335
42 mm	
46 mm	337
Metric Ratcheting Open End	338
Metric Ratcheting Open End 1 % in Gearwrench 41Y 10 mm Hex 1 ½ in Gearwrench 41Y 12 mm Hex 1 ½ in Gearwrench 41Y 13 mm Hex 1 ¾ 6 in Gearwrench 41Y 14 mm Hex 1 ½ 6 in Gearwrench 41Y 15 mm Hex 1 ½ 6 in Gearwrench 41Y 16 in Gearwrench 41Y 17 mm Hex 1 ½ 6 in Gearwrench 41Y 17 mm Hex 1 ½ 6 in Gearwrench 41Y 17 mm Hex 1 ½ 6 in Gearwrench 41Y 17 mm Hex 1 ½ 6 in Gearwrench 41Y 17 mm Hex 1 ½ 6 in Gearwrench 41Y 17 mm Hex 1 ½ 6 in Gearwrench 41Y 17 mm Hex 1 ½ 6 in Gearwrench 41Y 17 mm Hex 1 ½ 6 in Gearwrench 41Y 17 mm Hex 1 ½ 6 in Gearwrench 41Y 17 mm Hex 1 ½ 6 in Gearwrench 41Y 17 mm Hex 1 ½ 6 in Gearwrench 41Y 17 mm 17 mm 18	339
12 mm	
13 mm	F65
% in 14 mm Hex 1 ½½ in Gearwrench 41Y 15 mm Hex 1 ½½ in Gearwrench 41Y 16 mm Hex 1 ½½ in Gearwrench 41Y 17 mm Hex 1 ½ in Gearwrench 41Y	F68
% in 14 mm Hex 1 ½ in Gearwrench 41Y 15 mm Hex 1 ¼ in Gearwrench 41Y 16 mm Hex 1 ½ in Gearwrench 41Y 17 mm Hex 1 ½ in Gearwrench 41Y	F69
15 mm Hex 1 ½6 in Gearwrench 41Y 16 mm Hex 1 ½52 in Gearwrench 41Y 17 mm Hex 1 ½ in Gearwrench 41Y	F70
17 mm Hex 1 1/8 in Gearwrench 41Y	
	F73
18 mm Hex 1 63/64 in Gearwrench 41Y	F74
Overall Ite	m
Drive Size Size Length Brand No	
SAE Box End Torque Adapters	-
% in 2 11/16 in Proto 1Q8	111
9/6 in 2 13/6 in Proto 108	314
½ in 2 ½ in Proto 108	
3/ in 0.15/- in Drote 4.00	313
3/8 in 9/4 iii 2 15/16 iii Proto 1Q8	
	317
	317 316
78 in 3 1/16 in Proto 108	317 316 312
70 m	317 316 312 315

























- Hang hole end style Crescent wrenches have adjustable jaws that provide a tight grip

 Alloy steel material to turn a variety of bolts, nuts, and fastener sizes.

NO. OI	naliye			Measuring			ILEIII		
Tools	of Lengths	Jaw Cap.	Grip Style	Scale	Finish	Brand	No.		
General	Purpose Adjus	table Wrench Sets							
	4" to 6"	½ in, ¾ in	Cushion Grip	Yes	Chrome	Westward	1NYD4		
	6" to 10"	15/16 in, 1 5/16 in	Cushion Grip	Yes	Black Oxide	Crescent	54XN39		
	6" to 10"	15/16 in, 1 3/8 in	Plain	Yes	Chrome	Milwaukee	48ZT20		
2	6" to 10"	¹⁵ / ₁₆ in, 1 % ₃₂ in	Cushion Grip	Yes	Black Phosphate	Westward	20PG95		
	61/4" to 10"	5/16 in, 1 3/8 in	Plain	Yes	Chrome	Channellock	3KGZ7		
	61/4" to 10"	15/16 in, 1 3/8 in	Cushion Grip	Yes	Chrome	Channellock	3KGZ9		
	8" to 10"	1 in, 1 1/8 in	Cushion Grip	Yes	Chrome	Westward	1NYD3		
	6" to 10"	3/4 in, 1 in, 1 1/8 in	Cushion Grip	Yes	Chrome	Westward	1NYD2		
3	6" to 10"	3⁄4 in, 1 in, 1 1⁄8 in	Plain	Yes	Black Phosphate	Westward	1NYB9		
	6" to 10"	3/4 in, 1 in, 1 1/8 in	Plain	Yes	Chrome	Westward	1NYB8		
	6" to 10"	15/16 in, 1 1/8 in, 1 5/16 in	Cushion Grip	Yes	Chrome	Jonard Tools	34RR10		
	8" to 12"	1 1/8 in, 1 5/16 in, 1 1/2 in	Plain	No	Satin	Proto	54JG20		
4	6" to 12"	1 in, 1 1/2 in, 1 1/4 in, 1 1/2 in	Cushion Grip	Yes	Chrome	Irwin Vise-Grip	3LXP4		
Insulate	Insulated Adjustable Wrench Sets								
3	8" to 12"	1 in, 1 ½ in	Insulated	Yes	Natural	Wiha Tools	26X328		