



Lock Nuts with Washers

Resist rotation using an integrated external tooth washer. They are stronger than nylon insert lock nuts when resisting rotation. They save time in assembly and manufacturing settings by eliminating the need for a separate lock washer.

Thread Size	Washer Outside Diameter	Item No.	Pkg. Qty.	Thread Size	Washer Outside Diameter	Item No.	Pkg. Qty.
External Tooth Lock Washer				Class 5 Steel, Zinc Plated			
18-8 Stainless Steel, Plain				Class 8 Steel, Zinc Plated			
#4-40	0.281 in	4EFY4	100	M6-1.00	11.5 mm	4CAK8	100
#6-32	0.344 in	4EFY5	100	M3-0.50	6.5 mm	4EGA2	100
#8-32	0.375 in	4EFY6	100	M4-0.70	8.2 mm	4EGA3	100
#10-24	0.406 in	4EFY7	100	M5-0.80	9.5 mm	4EGA4	100
#10-32	0.406 in	4EFY8	100	Grade 2 Steel, Zinc Plated			
1/4"-20	0.5 in	4EFY9	50	#4-40	0.094 in	4EFZ3	100
1/4"-28	0.5781 in	4EGA5	50	#6-32	0.094 in	4EFZ4	100
5/16"-18	0.5 in	4CAJ6	50	#8-32	0.375 in	4EFZ5	100
5/16"-24	0.6563 in	4EGA6	25	#10-24	0.406 in	4EFZ6	100
3/8"-16	0.578 in	4EFZ2	25	1/2"-28	0.5 in	4CAJ9	100
3/8"-24	0.656 in	4CAJ7	25	5/16"-18	0.578 in	4CAK1	100
3/8"-24	0.656 in	4CAJ8	20	5/16"-24	0.578 in	4CAK2	100
M3-0.50	6.5 mm	4EFZ9	50	3/8"-16	0.656 in	4CAK3	100
M4-0.70	8.2 mm	4CAK5	50	3/8"-24	0.656 in	4CAK4	100
M5-0.80	9.5 mm	4CAK6	50	Not Graded Steel, Zinc Plated			
M6-1.00	11.5 mm	4EAG1	50	#10-32	0.406 in	4EFZ7	100
M8-1.25	15 mm	4CAK7	50	1/4"-20	0.5 in	4EFZ8	100



Top Lock

Distorted Thread Lock Nuts

Engages the male fastener with slightly deformed thread sections that friction fit into place. These nuts resist rotation better than serrated lock nuts. They are commonly used in high-heat applications where nylon-based locking methods would melt or become ineffective.

Thread Size	Hex Height	Item No.	Pkg. Qty.	Thread Size	Hex Height	Item No.	Pkg. Qty.
Standard Hex Top Lock				Grade C Steel, Zinc Yellow			
18-8 Stainless Steel, Plain				Grade C Steel, Zinc Yellow			
1/4"-20	5/32 in	26LH40	50	1/4"-20	5/32 in	4FAR9	100
3/8"-16	1/8 in	26LH42	50	5/16"-18	1/8 in	4FAW2	100
1/2"-13	1/4 in	26LH44	10	5/16"-24	1/8 in	4FAU2	100
316 Stainless Steel, Plain				3/8"-16	21/64 in	4FAW4	100
5/16"-12	29DU43	10		3/8"-24	21/64 in	4FAW5	100
Class 8 Steel, Zinc Plated				3/8"-16	21/64 in	4FAW6	100
M8-1.25	8 mm	4CAL1	50	3/8"-24	21/64 in	4FAW7	100
M10-1.50	10 mm	4CAL2	25	1/2"-13	1/4 in	4FAW8	50
M12-1.75	12 mm	4CAL3	25	1/2"-20	1/4 in	4FAW9	50
M16-2.00	16 mm	4CAL5	20	1/2"-13	1/4 in	4FAX1	50
M20-2.50	20 mm	4CAL6	10	5/16"-12	5/32 in	4FAX3	25
Class 10 Steel, Zinc Plated				5/16"-18	1/32 in	4FAX5	25
M20-2.50	20 mm	26LK30	10	3/4"-16	25/64 in	4FAX6	20
M24-3.00	24 mm	26LK32	10	3/4"-16	13/16 in	26LH24	10
Grade C Steel, Waxed Zinc Yellow				7/8"-9	7/16 in	26LH02	5
5/8"-11	3/4 in	3XTN9	25	Standard Hex Center Lock			
	25/64 in	4VPK6	800	Grade A Steel, Zinc Plated			
3/4"-10	21/32 in	3XTP1	20	5/16"-18	1/8 in	4FAP3	100
7/8"-9	49/64 in	3XTP2	10	3/8"-16	21/64 in	4FAP5	100
1"-8	7/8 in	3XTP3	10	1/2"-13	3/16 in	4FAP9	50
1"-14	7/8 in	3XTP4	10	5/8"-11	35/64 in	4FAR3	25
Grade C Steel, Zinc Plated				3/4"-10	41/64 in	4FAR5	25
3/8"-16	13/32 in	26LH07	50	7/8"-9	49/64 in	4FAR7	25
1/2"-13	3/64 in	26LH09	25	1"-8	7/8 in	4FAR8	10
5/8"-11	41/64 in	26LH11	10	Flange Hex Top Lock			
3/4"-10	53/64 in	26LH12	10	Grade 2 Steel, Zinc Plated			
1"-8	7/8 in	12P603	5	#10-24	7/32 in	4FAX9	100
				Grade 8 Steel, Phosphate and Oil			
				5/16"-18	11/64 in	29DM28	100
				Grade A Steel, Zinc Plated			
				#10-24	1/8 in	29DM17	100
				Grade C Steel, Phosphate and Oil			
				3/8"-16	7/32 in	4CAL7	50
				1/2"-13	9/16 in	4CAL8	25
				5/8"-11	3/4 in	22RV38	10
				3/4"-10	53/64 in	4CAN1	10

Flexible Top Lock Nuts

Elastically deform around the male threaded fastener using wings cut into the nut. This provides a reusable locking fastener that resists vibration and unwanted rotation better than distorted thread lock nuts.



Standard Heavy Hex



Thin Light Hex

Thread Size	Hex Width	Hex Height	Item No.	Pkg. Qty.	Thread Size	Hex Width	Hex Height	Item No.	Pkg. Qty.
Standard Heavy Hex					Thin Heavy Hex				
18-8 Stainless Steel, Plain					18-8 Stainless Steel, Plain				
1/4"-20	1/2 in	5/32 in	44ZN25	25	1/4"-20	1/2 in	5/64 in	44ZM66	50
3/8"-16	3/8 in	5/64 in	44ZM55	25	5/16"-18	9/16 in	3/32 in	44ZM34	50
1/2"-13	1 1/8 in	1/4 in	44ZN44	10	1/2"-13	1 1/8 in	3/32 in	44ZM72	25
Grade 2 Steel, Black Oxide					Grade 2 Steel, Black Oxide				
1/2"-13	1 1/8 in	1/4 in	44ZN71	25	1"-8	1 1/2 in	5/32 in	44ZM92	15
3/4"-10	1 1/8 in	21/64 in	44ZN29	10	Grade 2 Steel, Cadmium Plated				
Grade 2 Steel, Cadmium Plated					5/8"-11	1 in	7/64 in	44ZM73	50
1/4"-20	1/2 in	5/32 in	44ZM12	100	Thin Light Hex				
5/16"-18	9/16 in	7/64 in	44ZM15	50	18-8 Stainless Steel, Plain				
3/8"-16	5/8 in	5/64 in	44ZN55	100	#10-32	3/8 in	1/16 in	44ZN08	100
Standard Light Hex					#10-20	7/16 in	5/64 in	44ZM96	100
18-8 Stainless Steel, Plain					3/8"-16	9/16 in	7/64 in	44ZN72	50
#6-32	5/16 in	5/64 in	44ZN39	25	18-8 Stainless Steel, Silver Plated				
#10-24	5/8 in	5/64 in	44ZN75	25	1/4"-28	7/16 in	5/64 in	44ZN06	100
1/4"-20	7/16 in	1/8 in	44ZM23	25	Grade 2 Steel, Black Oxide				
5/16"-18	1/2 in	5/32 in	44ZM41	25	1/2"-13	3/4 in	1/8 in	44ZN05	75
1/2"-13	3/4 in	5/32 in	44ZN98	10	Grade 2 Steel, Cadmium Plated				
Grade 2 Steel, Black Oxide					1/4"-20	7/16 in	5/64 in	44ZM42	150
3/4"-16	1 1/8 in	1/2 in	44ZM61	10	1/4"-28	7/16 in	5/64 in	44ZM38	150
Grade 2 Steel, Cadmium Plated					1/2"-13	3/4 in	1/8 in	44ZN20	75
3/8"-16	5/8 in	13/64 in	44ZN52	50	5/16"-18	7/8 in	5/64 in	44ZM21	50
5/8"-11	1 1/8 in	13/32 in	44ZM05	15					

Castle Nuts

Feature slots cut into the body of the nut. These slots allow a cotter pin to be inserted through a hole in the male fastener, preventing the nut from unintentionally loosening.



Thread Size	Hex Width	Item No.	Pkg. Qty.	Thread Size	Hex Width	Item No.	Pkg. Qty.
Standard Hex				Grade 5 Steel, Zinc Plated			
Class 4 Steel, Black Oxide				1/2"-13	3/4 in	41TZ58	10
M14-1.50	22 mm	54FM26	50	1 1/8"-7	1 11/16 in	41TZ62	1
M20-1.50	30 mm	54FM29	25	Grade 8 Steel, Black Oxide			
Grade 2 Steel, Black Oxide				1 1/2"-12	2 1/4 in	41UA03	1
2 1/4"-12	3 3/8 in	41TZ80	1	3"-4	4 1/2 in	41TZ98	1
2 1/2"-4	3 3/4 in	41TZ46	1	3/4"-10	1 1/8 in	41TZ91	5
Grade 5 Steel, Black Oxide				7/8"-9	1 1/8 in	41TZ92	5
1 3/8"-12	2 1/16 in	41TZ86	1	1"-8	1 1/8 in	41TZ93	5
1 3/8"-6	2 1/16 in	6VHN8	5	1 1/4"-7	1 1/8 in	41TZ94	1
3"-4	4 1/2 in	41TZ55	1	1 1/2"-6	2 1/4 in	41TZ95	1
3/4"-10	1 1/8 in	41TZ49	5	2"-4 1/2	3 in	41TZ96	1
3/4"-16	1 1/8 in	6VRL5	10	2"-12	3 in	41UA05	1
1"-8	1 1/2 in	6VHN5	5	2 1/2"-4	3 3/4 in	41TZ97	1
1"-12	1 1/2 in	6VHN8	5				
1"-14	1 1/2 in	6VRL7	5				
1 1/4"-12	1 1/8 in	6VRL9	5				
1 1/2"-6	2 1/4 in	41TZ52	1				
1 3/4"-12	2 3/4 in	41TZ88	1				
2 1/2"-4	3 3/4 in	41TZ54	1				



2-Piece Wedge



3-Piece Safety Wheel



Heavy Hex with Washer

DISC-LOCK
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Wedge, Safety Wheel and Heavy Hex Lock Nuts

■ Carbon steel

Interlocking cams form a vibration- and shock-proof, free-spinning 1-pc. locking nut assembly that holds tight under forces that cause other locknuts to come loose. Can be used with Grade 5 (Class 8.8), Grade 8 (Class 10.9), and stronger bolts.

Dia./Thread Size	Washer O.D.	Item No.	Pkg. Qty.
2-Piece Wedge			
3/8"-16	0.787"	36RM07	50
3/8"-24	0.787"	36RM08	50
7/16"-20	1.000"	36RM09	50
7/16"-13	1.000"	36RM11	50
1/2"-20	1.000"	36RM10	50
9/16"-18	1.230"	36RM12	50
5/8"-11	1.230"	36RM13	50
5/8"-18	1.230"	36RM14	50
M10-1.50	20mm	36RM02	50
M12-1.75	25mm	36RM03	50
M14-1.50	32mm	36RM04	50
M16-1.50	32mm	36RM05	50
M16-2.00	32mm	36RM06	50
3-Piece Safety Wheel			
3/4"-16	1.880"	36RM19	10
7/8"-14	2.000"	36RM20	10
M18-1.50	47.5mm	36RM21	10
M20-1.50	47.5mm	36RM22	10
M20-2.50	47.5mm	36RM23	10
M22-1.50	52mm	36RM24	10
Heavy Hex with Washer			
1/2"-13	1.045"	36RM15	50
5/8"-11	1.265"	36RM16	50
3/4"-10	1.495"	36RM17	20
7/8"-9	1.735"	36RM18	20