

CONDUIT LOCK NUTS



Nominal Size	N		D		L		M		o		W		H		T	
	Inside Diameter		Outside Diameter		Lobe-to-Lobe Diameter		Minor Thread Diameter		Opening in Thread		Lobe Width		Nut Height		Tooth Depth	
	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1/2-14	0.870	0.860	1.005	0.995	1.130	1.120	0.759	0.747	0.134	0.114	0.176	0.156	0.140	0.125	0.021	0.011
3/4-14	1.058	1.048	1.260	1.250	1.380	1.370	0.970	0.958	0.140	0.130	0.255	0.245	0.167	0.157	0.030	0.020
Size	Kanebridge Number		Dynacast Number				Size	Kanebridge Number		Dynacast Number						
1/2-14	50NLC		112303				3/4-14	75NLC		112304						

Description	A zinc alloy nut with a single thread design and minimal surface area. The nut has integrally formed lobes protruding from its circumference at 60° intervals which enable it to be turned.
Applications/Advantages	Used in the electrical industry as a component in cable connectors in order to make a connection into various electrical boxes.
Material	Nuts are made from the zinc die cast alloy Zamak #3 which conforms to the following chemical composition requirements-- Aluminum: 3.5-4.3%; Magnesium: 0.02-0.05%; Copper: 0.25%* max.; Iron: 0.10% max.; Lead: 0.005% max.; Cadmium: 0.004% max.; Tin: 0.003% max.; Zinc: balance (*Note: Most commercial applications will accept copper content within the range of 0.25-0.75% without rejecting the product).