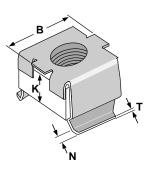
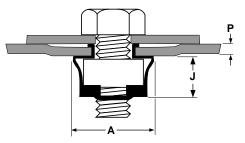
Cage Nuts







	CAGE NUTS Tinnerma®												
Screw Size	Part Numbers		В		A	J		N		т	к	Р	
	Kanebridge	Tinnerman®	Cage Width (Static)		Cage Width (Assembled)	Cage Height		Foot Width		Material Thickness	Nut Thickness	Panel Range	
			Max	Min	Min	Max	Min	Max	Min	Ref	Ref	Max	Min
6-32	06NCAG	30395-632	.460	.440	.421	.200	.180	.070	.050	.017	.124	.063	.025
8-32	08NCAG	07931-832	.530	.510	.531	.260	.240	.070	.050	.020	.156	.063	.025
10-24	10NCAG	07941-1024	.530	.510	.531	.260	.240	.070	.050	.020	.156	.105	.064
10-32	11NCAG	07931-1032	.530	.510	.531	.260	.240	.070	.050	.020	.156	.063	.025
1/4-20	14NCAG	07988-1420	.530	.510	.532	.260	.240	.070	.050	.020	.187	.063	.025
5/16-18	31NCAG	07957-5618	.670	.650	.734	.310	.290	.110	.090	.025	.218	.126	.093
3/8-16	37NCAG	07937-3816	.670	.650	.734	.310	.290	.110	.090	.025	.218	.056	.028
1/2-13	50NCAG	07968-1213	.880	.860	.828	.420	.400	.120	.100	.025	.304	.092	.059

Description	A free floating square nut retained within a spring steel cage. The cage has two retaining legs on the same side of the nut, positione 180° from each other, that hold the nut in place at panel edges or center panel locations.						
Applications/ Advantages	More economical and easier to install than other heavy duty nuts for blind side applications. Free floating nut will compensate for poor aligned holes. The square cage design keeps the nut from rotating during tightening. Cage nuts are successfully used in heavy duty far machinery, rail cars, home entetainment components and heating equipment among other applications.						
	Cage	Nut					
Material	SAE 1050 - 1065 spring steel	6-32 thru 1/4-20: SAE 1108 or equivalent steel 5/16-18 & 3/8-16: SAE 1018 or equivalent steel 1/2-13: SAE 1108 or equivalent steel					
Heat Treatment	Parts are quenched from the proper austentizing temperature directly into a salt bath at between 590°F and 710°F. Parts are held at this quench temperaature for a recommended period. Parts are then removed from the salt quenched and air cooled to room temperature.						
Hardness	Rockwell C 44 - 51						
Plating	Cage nuts are typically su	are typically supplied with a zinc plating.					

Tinnerman[®] is a registered trademark of Tinnerman Palnut Engineered Products. Kanebridge cage nuts are not manufactured by or connected with the producers of Tinnerman[®] cage nuts.