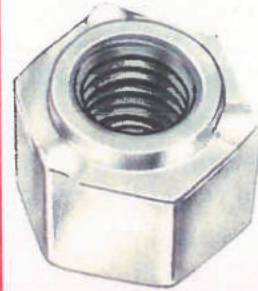
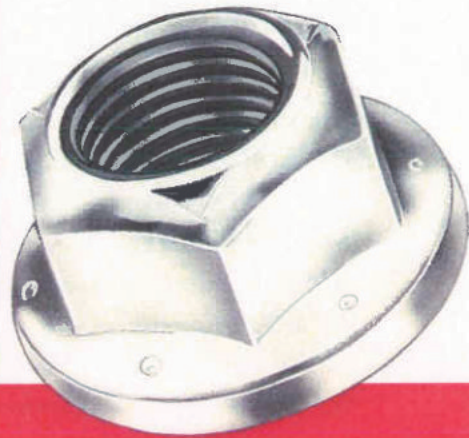
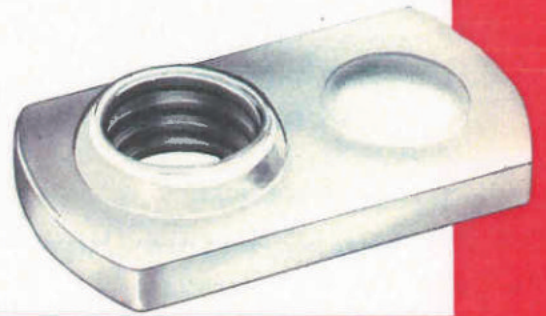
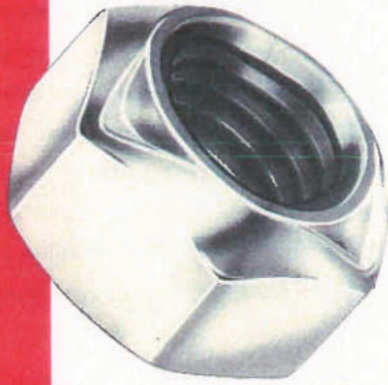


Rivetwise[®]

GRIPCO[®]



Standard Series

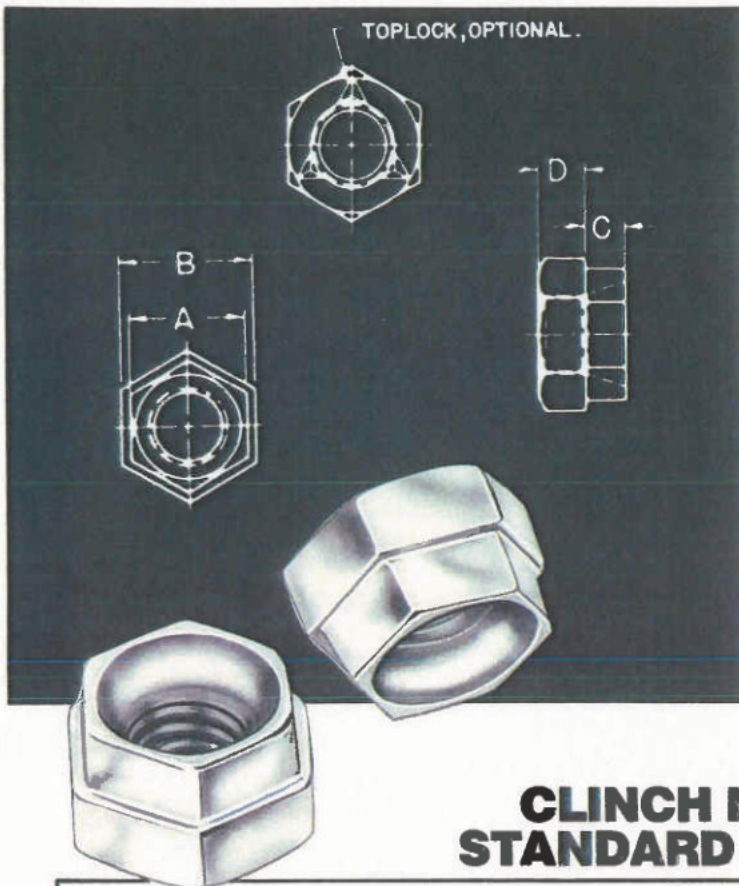
CLINCH NUTS

The Gripco Standard Series Clinch Nuts are manufactured from low carbon steel. These nuts are designed for use with sheet metal or similar materials where extruding and tapping are not advisable or possible. They may be used in open or blind applications.

Gripco Clinch Nuts are designed with a hex pilot to prevent rotation in a hex hole. This product can be staked for floating applications to accommodate bolt misalignment. They also can be clinched solid providing excellent push out strength for rigid applications.

Where flush mounting is required, a button die in combination with a hex punch provides an embossed relief in the stamping. These nuts can be automatically fed and clinched on volume production lines or individually clinched with riveters, orbital riveters, or arbor type presses.

- No markings are required on Clinch Nuts
- This product is also available with the Gripco prevailing torque feature.
- Prices and samples are available upon request.

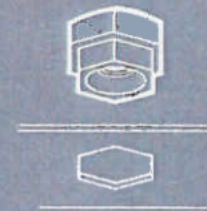
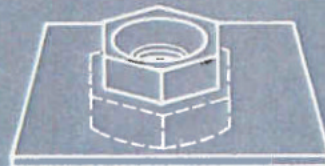
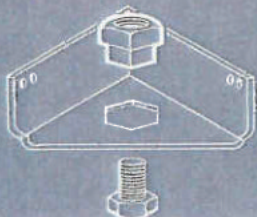


CLINCH NUTS STANDARD SERIES

Size	Part Number		A Pilot Width	B Nut Width	C Pilot Height	D Nut Height	Hexhole In Plate	Carton Quantity	Weight Per M
	NC	NF							
1/4-20&28	K-1420	K-1428	.429	.521	.125	.171	.437	5,500	11.7
5/16-18&24	K-5618	K-5624	.491	.584	.156	.203	.500	3,500	17.1
3/8-16&24	K-3816	K-3824	.551	.670	.187	.234	.562	2,300	25.4
7/16-14&20	K-7614	K-7620	.614	.742	.218	.265	.625	1,600	34.0
1/2-13&20	K-1213	K-1220	.742	.866	.250	.296	.750	1,000	55.0
5/8-11&18	K-5811	K-5818	.922	1.047	.312	.359	.937	550	98.7

CLINCHING FORCE REQUIREMENTS

Size Nut	Approx. Metal Thickness	Approx. Clinching Force For Steel
1/4"	.055	10,000 lbs.
5/16"	.055	12,000 lbs.
3/8"	.055	14,000 lbs.
7/16"	.075	20,000 lbs.
1/2"	.100	24,000 lbs.
5/8"	.132	36,000 lbs.



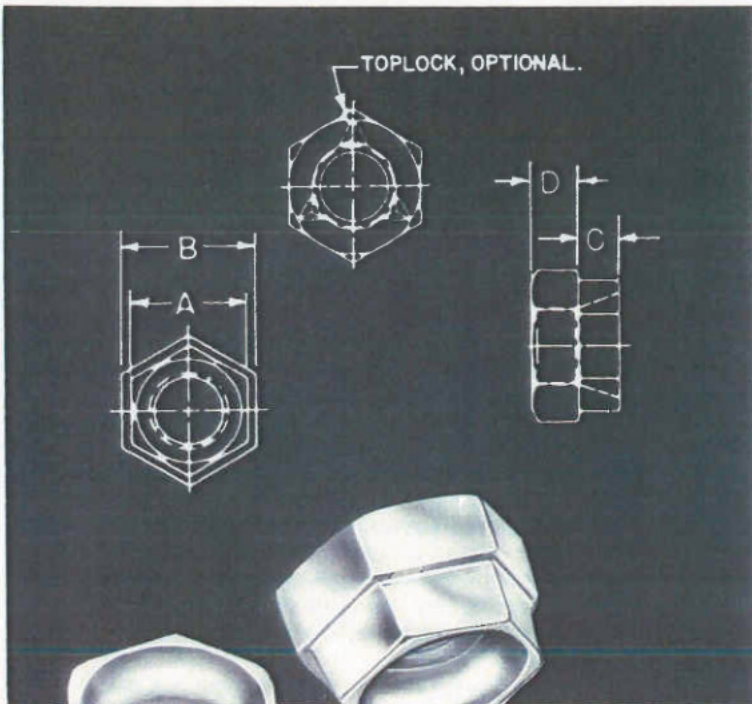
Class 9 Series METRIC CLINCH NUTS

The Gripco Class 9 Series, Metric Clinch Nuts are manufactured from low carbon steel. These clinch nuts are designed for use with sheetmetal or similar materials where extruding and tapping are not advisable or possible. They may be used in open or blind applications.

These clinch nuts are designed with a hex pilot to prevent rotation in a hex hole. This product can be staked for floating applications to accommodate bolt misalignment. They also can be clinched solid providing excellent push out strength for rigid applications.

Where flush mounting is required, a button die in combination with a hex punch provides an embossed relief in the stamping. These nuts can be automatically fed and clinched on volume production lines or individually clinched with riveters, orbital riveters, or arbor type presses.

- This product is also available with the Gripco prevailing torque feature.
- Prices and samples are available upon request.

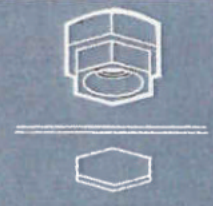
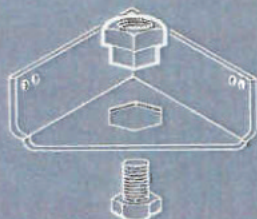


METRIC CLINCH NUTS CLASS 9 SERIES

Part No./Size	A Pilot Width	B Nut Width	C Pilot Height	D Nut Height	Hex Hole in Plate	Carton Qty.	Weight Per M
K9-M6x1	10.90	13.23	3.18	5.44	11.10	4,000	15.8
K9-M8x1.25	12.47	14.83	3.96	6.86	12.70		
K9-M10x1.50	14.00	17.02	4.75	8.36	14.27		
K9-M12x1.75	18.85	22.00	6.35	9.86	15.88		
K9-M14x2	22.00	25.02	7.14	11.61	19.05		
K9-M16x2	23.42	26.59	7.92	13.61	23.80		

Clinching Force Requirements

Size Nut	Approx. Metal Thickness	Approx. Clinching Force For Steel
M6x1	1.40	10,000 lbs.
M8x1.25	1.40	12,000 lbs.
M10x1.50	1.40	14,000 lbs.
M12x1.75	1.90	20,000 lbs.
M14x2	2.54	24,000 lbs.
M16x2	3.35	36,000 lbs.



WARRANTY POLICY

In cases where Gripco products are either heat treated, welded or given a protective coating following delivery to the purchaser, the Gripco Fastener Division shall not be held responsible for failures of the product to meet dimensional, mechanical or performance requirements.

RETURNED GOODS POLICY

The return of goods by customers will not be allowed without prior written authorization. Please contact the South Whitley sales office with any request for the return of material.

QUALITY ASSURANCE POLICY

Unless otherwise specified by the customer at the time of the inquiry (verbal or written) or on the purchase order, parts will be processed in accordance with standard in-house procedures. Certifications require prior notification. Please contact Gripco, South Whitley sales office for additional information on your requirements.

COUNTRY OF ORIGIN

All finished products illustrated in this catalog are manufactured in the United States of America. Manufacturing facilities are located at South Whitley, Indiana and Montpelier, Indiana.

GRIPCO®

**Emhart Fastening Technologies
Industrial Division**

**510 River Road
Shelton, CT 06484
Tel. (203) 944-1711
Fax (800) 220-4286**

Canadian Office

**3545 Thimens Boulevard
St. Laurent, Quebec, H4R 1V5
Tel. (514) 333-8080
Fax (514) 338-3829**

**Emhart
GRIPCO**

A  **BLACKS DECKER** COMPANY