

HEX NUTS • ZINC PLATED

	Gravity Feed Jar			Job Jar	
Size	Part #	Jar Qty	Master Carton	Part #	Jar Qty
4-40	40103J	100	1200	—	—
6-32	40105J	100	1200	—	—
8-32	40110J	100	1200	—	—
10-24	40115J	100	1200	—	—
10-32	40120J	100	1200	—	—
12-24	40122J	100	1200	—	—
1/4-20	40125J	100	1200	40125-6	750
1/4-28	40126J	100	1200	—	—
5/16-18	40130J	100	1200	—	—
3/8-16	40135J	100	600	40135-6	250
7/16-14	40137J	100	600	—	—
1/2-13	40140J	100	600	40140-6	150
5/8-11	40145J	50	300	—	—
3/4-10	40150J	50	300	—	—
1-8	40155J	10	60	—	—



See page 224 for
Stainless Steel.

FASTENERS • NUTS/WASHERS

Kits					
Part #	Description				
39516 (405 Piece Kit)	Hex Nut Zinc Plated Kit				
	6-32 (100 Pieces)	8-32 (100 Pieces)	10-32 (100 Pieces)		
	1/4-20 (50 Pieces)	5/16-18 (35 Pieces)	3/8-16 (20 Pieces)		

HEX NUTS • HEAVY DUTY • ZINC PLATED

	Gravity Feed Jar		
	HEAVY DUTY		
Size	Part #	Jar Qty	Master Carton
3/8-16	40135HJ	100	600
1/2-13	40140HJ	100	600
3/4-10	40150HJ	50	300



LOAD RATING

Minerallac fasteners are designed with two load limits:

Static Load Limit is a rated stationary load limit. The listed static load limit has a safety factor of three.

Ultimate Static Load Limit is the rated stationary load limit which, if exceeded, may cause failure of the fastener.

Load limits are for loads applied VERTICALLY except as may be diagrammed otherwise. The load capacity of a fastener having more than one component is equal to the load capacity of the lowest rated component.

MATERIALS

Steel

We specify commercial quality (CQ) hot rolled pickled and oil (HRPO) or cold rolled (CR) steel for our parts where a specific material specification is not needed.

Spring Steel

We specify a high carbon, cold rolled, annealed, spring steel for all Black Claw™ products.

Aluminum

We specify 3003-H14 on all aluminum products unless otherwise specified.

Brass

We specify a 70/30 brass C260 1/4 hard material for all our stock products. Formerly named as Everdur® in past catalogs.

COATINGS

Pre-Galvanized Zinc

This coating of zinc is applied directly at the mills by rolling the material through molten zinc. Parts fabricated from this material have exposed edges where the material has been cut; but the zinc near the uncoated metal becomes a sacrificial anode to protect the bare areas for a short period of time. These parts are recommended for indoor use in dry areas.

Zinc Plated or Electro-Galvanized

We have our parts plated after fabrication to commercial quality standards, and recommend them for indoor, relatively dry environments. Zinc plating is the process by which a coating of zinc is deposited on the steel by electrolysis from a bath of zinc salts. The zinc coating thickness for commercial quality is approximately 0.00015–0.00020 inches.

Hot Dipped Galvanized

We submerge our parts after fabrication into a molten bath of zinc thus coating all the edges of the parts. Hot Dipped Galvanized to ASTM A123 specifications. Parts are recommended for indoor/outdoor use and mildly corrosive environments.

Zinc Phosphate and Oil

We have most of our high carbon spring steel parts (Black Claw™) coated with this process after fabrication and heat-treating. The process applies a base of crystalline zinc phosphate of 1000 milligrams a square foot and then a synthetic organic corrosion inhibitor with a particular affinity for zinc compounds. These parts are recommended for indoor, non-corrosive environments.

Copper Plated

We specify a commercial grade finish on all stock copper plated parts.

WARRANTY

Minerallac warrants all products sold to be free and clear of all liens and encumbrances and to be free from defects in material and workmanship. In the event that any product fails to conform to such warranty, Minerallac's liability is limited solely to replacing such product without charge.

The warranties set forth above are exclusive and are in lieu of all other warranties whether statutory, expressed, or implied including warranties of merchantability and fitness for a

particular purpose, and warranties arising from course of dealing or usage of trade. The above provides remedy of replacement will be the sole and exclusive remedy of any purchaser of a product for any failure by Minerallac to comply with the warranty provision, whether claims by purchaser are based on contract or in tort including negligence, and in no event shall Minerallac be liable for loss of profits, indirect, special, consequential and other similar damages, and any economic loss resulting from any such failures.

Contact Customer Service for Minerallac Terms and Conditions of Sale, return policy and freight allowance.