

# FASTENERS

## HEX-HEAD CAP SCREWS, NUTS & WASHERS



GRADE 8 FASTENERS



CORROSION RESISTANT



MEETS STANDARDS

### HEX-HEAD CAP SCREWS

- Coarse Thread
- Material Grade 8 Alloy per SAE J429
- Zinc Yellow CR+6
- Specification: ASME B18.2.1



### 1/4" HEX-HEAD CAP SCREWS

COARSE	FINE	DIAMETER	LENGTH
423000P	424000P	1/4"	1/2"
423001P	424001P	1/4"	5/8"
423002P	424002P	1/4"	3/4"
423003P	424003P	1/4"	7/8"
423004P	424004P	1/4"	1"
423005P	424005P	1/4"	1-1/4"
423006P	424006P	1/4"	1-1/2"
423007P	424007P	1/4"	1-3/4"
423008P	424008P	1/4"	2"
423009P	424009P	1/4"	2-1/4"
423010P	424010P	1/4"	2-1/2"
423011P	424011P	1/4"	2-3/4"
423012P	424012P	1/4"	3"
423013P	424013P	1/4"	3-1/4"
423014P	424014P	1/4"	3-1/2"
423015P	424015P	1/4"	3-3/4"
423016P	424016P	1/4"	4"
423017P	424017P	1/4"	4-1/2"
423018P	424018P	1/4"	5"
423019P	424019P	1/4"	5-1/2"
423020P	424020P	1/4"	6"

### 5/16" HEX-HEAD CAP SCREWS

COARSE	FINE	DIAMETER	LENGTH
423021P	424021P	5/16"	1/2"
423022P	424022P	5/16"	5/8"
423023P	424023P	5/16"	3/4"
423024P	424024P	5/16"	7/8"
423025P	424025P	5/16"	1"
423026P	424026P	5/16"	1-1/4"
423027P	424027P	5/16"	1-1/2"
423028P	424028P	5/16"	1-3/4"
423029P	424029P	5/16"	2"
423030P	424030P	5/16"	2-1/4"
423031P	424031P	5/16"	2-1/2"
423032P	424032P	5/16"	2-3/4"
423033P	424033P	5/16"	3"
423034P	424034P	5/16"	3-1/4"
423035P	424035P	5/16"	3-1/2"
423036P	424036P	5/16"	3-3/4"
423037P	424037P	5/16"	4"
423038P	424038P	5/16"	4-1/2"
423039P	424039P	5/16"	5"
423040P	424040P	5/16"	5-1/2"
423041P	424041P	5/16"	6"

### 3/8" HEX-HEAD CAP SCREWS

COARSE	FINE	DIAMETER	LENGTH
423042P	424042P	3/8"	1/2"
423043P	424043P	3/8"	5/8"
423044P	424044P	3/8"	3/4"
423045P	424045P	3/8"	7/8"
423046P	424046P	3/8"	1"
423047P	424047P	3/8"	1-1/4"
423048P	424048P	3/8"	1-1/2"
423049P	424049P	3/8"	1-3/4"
423050P	424050P	3/8"	2"
423051P	424051P	3/8"	2-1/4"
423052P	424052P	3/8"	2-1/2"

COARSE	FINE	DIAMETER	LENGTH
423053P	424053P	3/8"	2-3/4"
423054P	424054P	3/8"	3"
423055P	424055P	3/8"	3-1/4"
423056P	424056P	3/8"	3-1/2"
423057P	424057P	3/8"	3-3/4"
423058P	424058P	3/8"	4"
423059P	424059P	3/8"	4-1/2"
423060P	424060P	3/8"	5"
423061P	424061P	3/8"	5-1/2"
423062P	424062P	3/8"	6"

ALSO AVAILABLE:

FASTENER BIN ASSORTMENT #424318 See Catalog or Website for details.

## 7/16" HEX-HEAD CAP SCREW

COARSE	FINE	DIAMETER	LENGTH
423063P	424063P	7/16"	3/4"
423064P	424064P	7/16"	1"
423065P	424065P	7/16"	1-1/4"
423066P	424066P	7/16"	1-1/2"
423067P	424067P	7/16"	1-3/4"
423068P	424068P	7/16"	2"
423069P	424069P	7/16"	2-1/4"
423070P	424070P	7/16"	2-1/2"
423071P	424071P	7/16"	2-3/4"
423072P	424072P	7/16"	3"
423073P	424073P	7/16"	3-1/4"
423074P	424074P	7/16"	3-1/2"
423075P	424075P	7/16"	3-3/4"
423076P	424076P	7/16"	4"
423077P	424077P	7/16"	4-1/2"
423078P	424078P	7/16"	5"
423079P	424079P	7/16"	5-1/2"
423080P	424080P	7/16"	6"

## 1/2" HEX-HEAD CAP SCREW

COARSE	FINE	DIAMETER	LENGTH
423081P	424081P	1/2"	3/4"
423082P	424082P	1/2"	7/8"
423083P	424083P	1/2"	1"
423084P	424084P	1/2"	1-1/4"
423085P	424085P	1/2"	1-1/2"
423086P	424086P	1/2"	1-3/4"
423087P	424087P	1/2"	2"
423088P	424088P	1/2"	2-1/4"
423089P	424089P	1/2"	2-1/2"
423090P	424090P	1/2"	2-3/4"
423091P	424091P	1/2"	3"
423092P	424092P	1/2"	3-1/4"
423093P	424093P	1/2"	3-1/2"
423094P	424094P	1/2"	3-3/4"
423095P	424095P	1/2"	4"
423096P	424096P	1/2"	4-1/2"
423097P	424097P	1/2"	5"
423098P	424098P	1/2"	5-1/2"
423099P	424099P	1/2"	6"

## 9/16" HEX-HEAD CAP SCREW

COARSE	FINE	DIAMETER	LENGTH
423100P	424100P	9/16"	1"
423101P	424101P	9/16"	1-1/4"
423102P	424102P	9/16"	1-1/2"
423103P	424103P	9/16"	1-3/4"
423104P	424104P	9/16"	2"
423105P	424105P	9/16"	2-1/4"
423106P	424106P	9/16"	2-1/2"
423107P	424107P	9/16"	2-3/4"
423108P	424108P	9/16"	3"
423109P	424109P	9/16"	3-1/4"
423110P	424110P	9/16"	3-1/2"
423111P	424111P	9/16"	3-3/4"
423112P	424112P	9/16"	4"
423113P	424113P	9/16"	4-1/2"
423114P	424114P	9/16"	5"
423115P	424115P	9/16"	5-1/2"
423116P	424116P	9/16"	6"

## 5/8" HEX-HEAD CAP SCREW

COARSE	FINE	DIAMETER	LENGTH
423117P	424117P	5/8"	1"
423118P	424118P	5/8"	1-1/4"
423119P	424119P	5/8"	1-1/2"
423120P	424120P	5/8"	1-3/4"
423121P	424121P	5/8"	2"
423122P	424122P	5/8"	2-1/4"
423123P	424123P	5/8"	2-1/2"
423124P	424124P	5/8"	2-3/4"
423125P	424125P	5/8"	3"
423126P	424126P	5/8"	3-1/4"
423127P	424127P	5/8"	3-1/2"
423128P	424128P	5/8"	3-3/4"
423129P	424129P	5/8"	4"
423130P	424130P	5/8"	4-1/2"
423131P	424131P	5/8"	5"
423132P	424132P	5/8"	5-1/2"
423133P	424133P	5/8"	6"

## 3/4" HEX-HEAD CAP SCREW

COARSE	FINE	DIAMETER	LENGTH
423134P	424134P	3/4"	1"
423135P	424135P	3/4"	1-1/4"
423136P	424136P	3/4"	1-1/2"
423137P	424137P	3/4"	1-3/4"
423138P	424138P	3/4"	2"
423139P	424139P	3/4"	2-1/4"
423140P	424140P	3/4"	2-1/2"
423141P	424141P	3/4"	2-3/4"
423142P	424142P	3/4"	3"

COARSE	FINE	DIAMETER	LENGTH
423143P	424143P	3/4"	3-1/4"
423144P	424144P	3/4"	3-1/2"
423145P	424145P	3/4"	3-3/4"
423146P	424146P	3/4"	4"
423147P	424147P	3/4"	4-1/2"
423148P	424148P	3/4"	5"
423149P	424149P	3/4"	5-1/2"
423150P	424150P	3/4"	6"

## FINISHED HEX NUTS

Finished hex nut provides adequate strength for many different types of common applications.

- Coarse Thread
- Zinc & Yellow CR+6
- Medium-Carbon
- Specification:
- Grade 8 Material
- ASME B18.2.2-2010



COARSE P/N	FINE P/N	BOLT SIZE	ACROSS FLATS	HEIGHT
423220P	424220P	1/4"	7/16"	7/32"
423221P	424221P	5/16"	1/2"	17/64"
423222P	424222P	3/8"	9/16"	21/64"
423223P	424223P	7/16"	11/16"	3/8"
423224P	424224P	1/2"	3/4"	7/16"
423225P	424225P	9/16"	7/8"	31/64"
423226P	424226P	5/8"	15/16"	35/64"
423227P	424227P	3/4"	1-1/8"	3/4"

## AUTOMATION LOCKNUTS

Known as all-metal Grade C Toplock, Stover®, Oval Lock, Unitorque® and Cone Top.

The cone shaped top allows for automated, high-speed assembly with less temperature limitations. This type of nut is used when a reusable, rugged, one-piece construction locknut is required.

- Zinc CR+3
- Coarse Thread
- Specification: ASME B18.16.6-2014



COARSE P/N	FINE P/N	BOLT SIZE	ACROSS FLATS	HEIGHT
423238P	424238P	1/4"	7/16"	7/32"
423239P	424239P	5/16"	1/2"	17/64"
423240P	424240P	3/8"	9/16"	21/64"
423241P	424241P	7/16"	11/16"	3/8"
423242P	424242P	1/2"	3/4"	7/16"
423243P	424243P	9/16"	7/8"	31/64"
423244P	424244P	5/8"	15/16"	35/64"
423245P	424245P	3/4"	1-1/8"	3/4"

## NYLON LOCKNUT

- Ideal for Applications with Vibration
- High Tensile Grade 8 Applications
- Specification:
- ASME B18.16.6-2014
- Coarse Thread
- Zinc & Yellow CR+6
- Nylon is Limited to 250°F



COARSE P/N	FINE P/N	BOLT SIZE
423247P	424247P	1/4"
423248P	424248P	5/16"
423249P	424249P	3/8"
423250P	424250P	7/16"
423251P	424251P	1/2"
423252P	424252P	9/16"
423253P	424253P	5/8"
423254P	424254P	3/4"

## HEX NYLON INSERT FLANGE LOCKNUT

- Ideal for Uneven Surfaces while Offering a Locking Element
- Zinc & Yellow CR+6
- Coarse Thread
- Specification:
- ASME B18.16.6-2014
- Nylon is Limited to 250°F



P/N	BOLT SIZE
423255P	1/4"
423256P	5/16"
423257P	3/8"
423258P	7/16"
423259P	1/2"
423261P	5/8"
423262P	3/4"

## FLAT WASHERS

- For Use with Grade 8 and 5 Fastener Components
- The Heat-Treated, Through-Hardened Washers Will Not Dish, Gall or Bend Under High Pressure or Stress
- These Washers Protect the Surface, Produce Better Clamping Force & Increase the Bearing Surface
- Complies with ASTM F436 Standard Specification
- Mechanical Yellow Zinc Finish Protects Against Rust & Corrosion, Controls the Installation Torque Tension Relationship & Greatly Reduces Hydrogen Embrittlement



P/N	STYLE	BOLT SIZE	O.D.	I.D.	THICKNESS
423200P	USS	1/4"	47/64"	5/16"	.051/.080"
423201P	USS	5/16"	7/8"	3/8"	.064/.104"
423202P	USS	3/8"	1"	7/16"	.064/.104"
423203P	USS	7/16"	1-1/4"	1/2"	.064/.104"
423204P	USS	1/2"	1-3/8"	9/16"	.086/.132"
423205P	USS	9/16"	1-15/32"	5/8"	.086/.132"
423206P	USS	5/8"	1-3/4"	11/16"	.108/.160"
423207P	USS	3/4"	2"	13/16"	.122/.177"
424200P	SAE	1/4"	5/8"	9/32"	.051/.080"
424201P	SAE	5/16"	11/16"	11/32"	.051/.080"
424202P	SAE	3/8"	13/16"	13/32"	.051/.080"
424203P	SAE	7/16"	59/64"	15/32"	.051/.080"
424204P	SAE	1/2"	1-1/16"	17/32"	.074/.121"
424205P	SAE	9/16"	1-5/32"	19/32"	.074/.121"
424206P	SAE	5/8"	1-5/16"	21/32"	.074/.121"
424207P	SAE	3/4"	1-15/32"	13/16"	.108/.160"

## SPLIT-LOCK WASHERS

- For Use with Grade 8 and 5 Fastener Components
- Meets ANSI B18.21.1 Specification
- Mechanical Yellow Zinc Finish Protects Against Rust & Corrosion, Controls the Installation Torque Tension Relationship & Greatly Reduces Hydrogen Embrittlement



P/N	STYLE	BOLT SIZE	O.D.	I.D.	THICKNESS
423210P	Split-Lock	1/4"	.489"	.255/.263"	.109"
423211P	Split-Lock	5/16"	.586"	.318/.328"	.125"
423212P	Split-Lock	3/8"	.683"	.382/.393"	.141"
423213P	Split-Lock	7/16"	.779"	.446/.459"	.156"
423214P	Split-Lock	1/2"	.873"	.509/.523"	.171"
423215P	Split-Lock	9/16"	.971"	.572/.587"	.188"
423216P	Split-Lock	5/8"	1.079"	.636/.653"	.203"
423217P	Split-Lock	3/4"	1.271"	.763/.783"	.234"