

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

TS P/N	DIAMETER	LENGTH	PACK QTY
423000P	1/4"	1/2"	100
423001P	1/4"	5/8"	100
423002P	1/4"	3/4"	100
423003P	1/4"	7/8"	100
423004P	1/4"	1"	100
423005P	1/4"	1-1/4"	100
423006P	1/4"	1-1/2"	100
423007P	1/4"	1-3/4"	100
423008P	1/4"	2"	100
423009P	1/4"	2-1/4"	100
423010P	1/4"	2-1/2"	100
423011P	1/4"	2-3/4"	100
423012P	1/4"	3"	100
423013P	1/4"	3-1/4"	100
423014P	1/4"	3-1/2"	100
423015P	1/4"	3-3/4"	100
423016P	1/4"	4"	100
423017P	1/4"	4-1/2"	50
423018P	1/4"	5"	50
423019P	1/4"	5-1/2"	50
423020P	1/4"	6"	50

5/16" HEX-HEAD CAP SCREWS

TS P/N	DIAMETER	LENGTH	PACK QTY
423021P	5/16"	1/2"	100
423022P	5/16"	5/8"	100
423023P	5/16"	3/4"	100
423024P	5/16"	7/8"	100
423025P	5/16"	1"	100
423026P	5/16"	1-1/4"	100
423027P	5/16"	1-1/2"	100
423028P	5/16"	1-3/4"	100
423029P	5/16"	2"	100
423030P	5/16"	2-1/4"	100
423031P	5/16"	2-1/2"	100
423032P	5/16"	2-3/4"	100
423033P	5/16"	3"	100
423034P	5/16"	3-1/4"	50
423035P	5/16"	3-1/2"	50
423036P	5/16"	3-3/4"	50
423037P	5/16"	4"	50
423038P	5/16"	4-1/2"	50
423039P	5/16"	5"	50
423040P	5/16"	5-1/2"	50
423041P	5/16"	6"	50

3/8" HEX-HEAD CAP SCREWS

TS P/N	DIAMETER	LENGTH	PACK QTY
423042P	3/8"	1/2"	100
423043P	3/8"	5/8"	100
423044P	3/8"	3/4"	100
423045P	3/8"	7/8"	100
423046P	3/8"	1"	100
423047P	3/8"	1-1/4"	100
423048P	3/8"	1-1/2"	100
423049P	3/8"	1-3/4"	100
423050P	3/8"	2"	100
423051P	3/8"	2-1/4"	50
423052P	3/8"	2-1/2"	50

TS P/N	DIAMETER	LENGTH	PACK QTY
423053P	3/8"	2-3/4"	50
423054P	3/8"	3"	50
423055P	3/8"	3-1/4"	50
423056P	3/8"	3-1/2"	50
423057P	3/8"	3-3/4"	50
423058P	3/8"	4"	50
423059P	3/8"	4-1/2"	50
423060P	3/8"	5"	50
423061P	3/8"	5-1/2"	50
423062P	3/8"	6"	50

ALSO AVAILABLE: **UNC FASTENER BIN ASSORTMENT #424318** See tramecsloan.com for details.

7/16" HEX-HEAD CAP SCREW

TS P/N	DIAMETER	LENGTH	PACK QTY
423063P	7/16"	3/4"	50
423064P	7/16"	1"	50
423065P	7/16"	1-1/4"	50
423066P	7/16"	1-1/2"	50
423067P	7/16"	1-3/4"	50
423068P	7/16"	2"	50
423069P	7/16"	2-1/4"	50
423070P	7/16"	2-1/2"	50
423071P	7/16"	2-3/4"	50
423072P	7/16"	3"	50
423073P	7/16"	3-1/4"	25
423074P	7/16"	3-1/2"	25
423075P	7/16"	3-3/4"	25
423076P	7/16"	4"	25
423077P	7/16"	4-1/2"	25
423078P	7/16"	5"	25
423079P	7/16"	5-1/2"	25
423080P	7/16"	6"	25

1/2" HEX-HEAD CAP SCREW

TS P/N	DIAMETER	LENGTH	PACK QTY
423081P	1/2"	3/4"	50
423082P	1/2"	7/8"	50
423083P	1/2"	1"	50
423084P	1/2"	1-1/4"	50
423085P	1/2"	1-1/2"	50
423086P	1/2"	1-3/4"	50
423087P	1/2"	2"	50
423088P	1/2"	2-1/4"	50
423089P	1/2"	2-1/2"	50
423090P	1/2"	2-3/4"	50
423091P	1/2"	3"	50
423092P	1/2"	3-1/4"	25
423093P	1/2"	3-1/2"	25
423094P	1/2"	3-3/4"	25
423095P	1/2"	4"	25
423096P	1/2"	4-1/2"	25
423097P	1/2"	5"	25
423098P	1/2"	5-1/2"	25
423099P	1/2"	6"	25

9/16" HEX-HEAD CAP SCREW

TS P/N	DIAMETER	LENGTH	PACK QTY
423100P	9/16"	1"	25
423101P	9/16"	1-1/4"	25
423102P	9/16"	1-1/2"	25
423103P	9/16"	1-3/4"	25
423104P	9/16"	2"	25
423105P	9/16"	2-1/4"	25
423106P	9/16"	2-1/2"	25
423107P	9/16"	2-3/4"	25
423108P	9/16"	3"	25
423109P	9/16"	3-1/4"	25
423110P	9/16"	3-1/2"	25
423111P	9/16"	3-3/4"	25
423112P	9/16"	4"	25
423113P	9/16"	4-1/2"	10
423114P	9/16"	5"	10
423115P	9/16"	5-1/2"	10
423116P	9/16"	6"	10

5/8" HEX-HEAD CAP SCREW

TS P/N	DIAMETER	LENGTH	PACK QTY
423117P	5/8"	1"	25
423118P	5/8"	1-1/4"	25
423119P	5/8"	1-1/2"	25
423120P	5/8"	1-3/4"	25
423121P	5/8"	2"	25
423122P	5/8"	2-1/4"	25
423123P	5/8"	2-1/2"	25
423124P	5/8"	2-3/4"	25
423125P	5/8"	3"	25
423126P	5/8"	3-1/4"	25
423127P	5/8"	3-1/2"	25
423128P	5/8"	3-3/4"	25
423129P	5/8"	4"	25
423130P	5/8"	4-1/2"	25
423131P	5/8"	5"	25
423132P	5/8"	5-1/2"	25
423133P	5/8"	6"	25

3/4" HEX-HEAD CAP SCREW

TS P/N	DIAMETER	LENGTH	PACK QTY
423134P	3/4"	1"	20
423135P	3/4"	1-1/4"	20
423136P	3/4"	1-1/2"	20
423137P	3/4"	1-3/4"	20
423138P	3/4"	2"	20
423139P	3/4"	2-1/4"	20
423140P	3/4"	2-1/2"	20
423141P	3/4"	2-3/4"	20
423142P	3/4"	3"	20

TS P/N	DIAMETER	LENGTH	PACK QTY
423143P	3/4"	3-1/4"	20
423144P	3/4"	3-1/2"	20
423145P	3/4"	3-3/4"	20
423146P	3/4"	4"	20
423147P	3/4"	4-1/2"	20
423148P	3/4"	5"	20
423149P	3/4"	5-1/2"	20
423150P	3/4"	6"	20

FINISHED HEX NUTS

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

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



TS P/N	BOLT SIZE	ACROSS FLATS	HEIGHT	PACK QTY
423220P	1/4"	7/16"	7/32"	100
423221P	5/16"	1/2"	17/64"	100
423222P	3/8"	9/16"	21/64"	100
423223P	7/16"	11/16"	3/8"	50
423224P	1/2"	3/4"	7/16"	50
423225P	9/16"	7/8"	31/64"	50
423226P	5/8"	15/16"	35/64"	50
423227P	3/4"	1-1/8"	3/4"	50

AUTOMATION LOCKNUTS

Known as all-metal Grade C Toplock, Stover®, Oval Lock, Uintonque® 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



TS P/N	BOLT SIZE	ACROSS FLATS	HEIGHT	PACK QTY
423238P	1/4"	7/16"	7/32"	100
423239P	5/16"	1/2"	17/64"	100
423240P	3/8"	9/16"	21/64"	100
423241P	7/16"	11/16"	3/8"	50
423242P	1/2"	3/4"	7/16"	50
423243P	9/16"	7/8"	31/64"	50
423244P	5/8"	15/16"	35/64"	25
423245P	3/4"	1-1/8"	3/4"	10

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



TS P/N	BOLT SIZE	PACK QTY
423247P	1/4"	25
423248P	5/16"	20
423249P	3/8"	20
423250P	7/16"	10
423251P	1/2"	10
423252P	9/16"	10
423253P	5/8"	5
423254P	3/4"	5

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



TS P/N	BOLT SIZE	PACK QTY
423255P	1/4"	50
423256P	5/16"	50
423257P	3/8"	50
423258P	7/16"	25
423259P	1/2"	25
423260P	9/16"	25
423261P	5/8"	10
423262P	3/4"	5

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



FLAT WASHERS - USS

TS P/N	BOLT SIZE	O.D.	I.D.	THICKNESS	PACK QTY
423200P	1/4"	47/64"	5/16"	.051/.080"	50
423201P	5/16"	7/8"	3/8"	.064/.104"	50
423202P	3/8"	1"	7/16"	.064/.104"	50
423203P	7/16"	1-1/4"	1/2"	.064/.104"	25
423204P	1/2"	1-3/8"	9/16"	.086/.132"	25
423205P	9/16"	1-15/32"	5/8"	.086/.132"	25
423206P	5/8"	1-3/4"	11/16"	.108/.160"	25
423207P	3/4"	2"	13/16"	.122/.177"	20

FLAT WASHERS - SAE

TS P/N	BOLT SIZE	O.D.	I.D.	THICKNESS	PACK QTY
424200P	1/4"	5/8"	9/32"	.051/.080"	50
424201P	5/16"	11/16"	11/32"	.051/.080"	50
424202P	3/8"	13/16"	13/32"	.051/.080"	50
424203P	7/16"	59/64"	15/32"	.051/.080"	25
424204P	1/2"	1-1/16"	17/32"	.074/.121"	25
424205P	9/16"	1-5/32"	19/32"	.074/.121"	25
424206P	5/8"	1-5/16"	21/32"	.074/.121"	25
424207P	3/4"	1-15/32"	13/16"	.108/.160"	20

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



TS P/N	BOLT SIZE	O.D.	I.D.	THICKNESS	PACK QTY
423210P	1/4"	.489"	.255/.263"	.109"	50
423211P	5/16"	.586"	.318/.328"	.125"	50
423212P	3/8"	.683"	.382/.393"	.141"	50
423213P	7/16"	.779"	.446/.459"	.156"	25
423214P	1/2"	.873"	.509/.523"	.171"	25
423215P	9/16"	.971"	.572/.587"	.188"	25
423216P	5/8"	1.079"	.636/.653"	.203"	25
423217P	3/4"	1.271"	.763/.783"	.234"	25