

GRADE 2 HEX NUTS BARE
ÉCROUS HEX CLASSE 2 NU

081
UNC
Coarse

082
UNF
Fine

- Finished
- Bare Metal



UNC Coarse	UNF Fine	Size	Standard Package	Width Across Flats	Thickness
Stock No.					
081-014	082-014	1/4	100	7/16	7/32
081-016	082-016	5/16	100	1/2	17/64
081-018	082-018	3/8	100	9/16	21/64
081-020	082-020	7/16	50	11/16	3/8
081-022	082-022	1/2	50	3/4	7/16
081-023	082-023	9/16	25	7/8	31/64
081-024	082-024	5/8	25	15/16	35/64
081-026	082-026	3/4	20	1-1/8	41/64
081-028	082-028	7/8	20	1-5/16	3/4
081-030	082-030	1	20	1-1/2	55/64
081-032	082-032	1-1/8	15	1-11/16	31/32
081-034	082-034	1-1/4	15	1-7/8	1-1/16
081-037	082-037	1-3/8	10	2-1/16	1-11/64
081-038	082-038	1-1/2	10	2-1/4	1-9/32

PLATED GRADE 2 HEX NUTS
ÉCROUS HEX CLASSE 2 PLAQUÉ

083
UNC
Coarse

084
UNF
Fine

- Finished
- Bright Plated



UNC Coarse	UNF Fine	Size	Standard Package	Width Across Flats	Thickness
Stock No.					
083-014	084-014	1/4	100	7/16	7/32
083-016	084-016	5/16	100	1/2	17/64
083-018	084-018	3/8	100	9/16	21/64
083-020	084-020	7/16	50	11/16	3/8
083-022	084-022	1/2	50	3/4	7/16
083-023	084-023	9/16	25	7/8	31/64
083-024	084-024	5/8	25	15/16	35/64
083-026	084-026	3/4	20	1-1/8	41/64
083-028	084-028	7/8	20	1-5/16	3/4
083-030	084-030	1	20	1-1/2	55/64

094 Series **UNC HEAVY HEX NUTS* BARE**
ÉCROUS LOURDS HEX UNC NU



* Jam Nuts also available in sizes listed.

Note: These Nuts conform to ANSI Standard B18.2.2. Nuts with Left Hand Threads are also available.

Stock No.	094-014	094-016	094-018	094-020	094-022	094-023	094-024	094-026	094-028	094-030	094-032	094-034	094-037	094-038
Nut Size & Thread	1/4-20	5/16-18	3/8-16	7/16-14	1/2-13	9/16-12	5/8-11	3/4-10	7/8-9	1-8	1-1/8-7	1-1/4-7	1-3/8-6	1-1/2-6
Std. Pkg.	100	100	100	50	50	25	25	20	20	20	15	15	10	10
Width (Flats)	1/2	9/16	11/16	3/4	7/8	15/16	1-1/16	1-1/4	1-7/16	1-5/8	1-13/16	2	2-3/16	2-3/8
Thickness	15/64	19/64	23/64	27/64	31/64	35/64	39/64	47/64	55/64	63/64	1-7/64	1-7/32	1-11/32	1-15/32

EXTRA DUTY LOCK WASHERS
RONDELLES RESSORT EXTRA ROBUSTE

101 Series

- 4037 High Alloy Steel.
- Mechanical Gold Zinc Dichromate Plated.



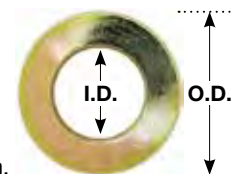
For use with Grade 5 or 8 bolts and for high load applications.

Stock No.	Bolt Size	Steel Section W x T	Maximum Thickness	Standard Package
101-014	1/4	.109 x .062	.080	100
101-016	5/16	.125 x .078	.080	100
101-018	3/8	.141 x .094	.080	100
101-020	7/16	.156 x .109	.080	100
101-022	1/2	.171 x .125	.177	50
101-023	9/16	.188 x .141	.177	50
101-024	5/8	.203 x .156	.177	50
101-026	3/4	.234 x .188	.177	40
101-028	7/8	.266 x .219	.177	40
101-030	1	.297 x .250	.177	40
101-032	1-1/8	.411 x .375	.177	20
101-034	1-1/4	.452 x .417	.177	20
101-038	1-1/2	.526 x .496	.177	20

TENSION WASHERS
RONDELLES DE TENSION

101 Series

- Heat treated.
- High carbon.
- Plated Steel



Use two with each Grade 8 cap screw and nut to complete the system.

Stock No.	Bolt Diameter	I.D.	O.D.	Maximum Thickness	Standard Package
101-114	1/4	9/32	5/8	.080	100
101-116	5/16	11/32	11/16	.080	100
101-118	3/8	13/32	13/16	.080	100
101-120	7/16	15/32	59/64	.080	100
101-122	1/2	17/32	1-1/16	.177	50
101-123	9/16	19/32	1-3/16	.177	50
101-124	5/8	11/16	1-5/16	.177	50
101-126	3/4	13/16	1-15/32	.177	40
101-128	7/8	15/16	1-3/4	.177	40
101-130	1	1-1/8	2	.177	40
101-132	1-1/8	1-1/4	2-1/4	.177	20
101-134	1-1/4	1-3/8	2-1/2	.177	20
101-138	1-1/2	1-5/8	3	.177	20

DOUBLE THICKNESS NUTS
ÉCROUS ÉPAISSEUR DOUBLE

102 Series

Light High Nuts

- Low Carbon Steel
- Bare Metal



Papco[®] Double Nuts are used on spring centre bolts, spring 'U' bolts, heavy duty truck wheels, tractor and implement bolts. All Double Thickness Nuts have UNF (S.A.E.) Fine Threads.

For Spring Centre Bolts see page 199.

ORDER BY STOCK NUMBER

Stock No.	Size	Across Flats	Thickness	Std. Package
102-014	1/4-28	.428 - .438	.368 - .382	24
102-016	5/16-24	.489 - .500	.445 - .461	24
102-018	3/8-24	.551 - .562	.491 - .509	24
102-020	7/16-20	.675 - .688	.599 - .619	24
102-022	1/2-20	.736 - .750	.645 - .667	24
102-023	9/16-18	.861 - .875	.754 - .778	24
102-024	5/8-18	.922 - .938	.831 - .857	24
102-027	3/4-16	1.088 - 1.125	.985 - 1.015	24
102-028	7/8-14	1.269 - 1.312	1.140 - 1.172	12
102-030	1-14	1.450 - 1.500	1.294 - 1.330	12
102-034	1-1/4-12	1.812 - 1.875	1.666 - 1.710	12

WING NUTS
ÉCROUS À OREILLE

103 Series

- Strong, well-finished
- Cold forged steel
- Bright, rust-resistant finish



Feature recessed wings for good finger grip.

WING NUT UTILITY ASSORTMENT

No. 020-310

Contains 151 Wing Nuts in five popular sizes. Sturdy fibreboard display box, ideal for Automotive and Hardware use. Each size in an individual compartment.



ORDER BY STOCK NUMBER

Std. Package: 50 pcs

Stock No.	Size	Stock No.	Size
103-010	10-24	103-018	3/8-16
103-014	1/4-20	103-020	7/16-14
103-016	5/16-18	103-022	1/2-13

For Air Cleaner Wing Nuts see page 203.

ACORN (CAP) NUTS
ÉCROUS BORGNES

104 Series

- Durable, smooth-finished Cap Nuts
- Zinc Alloy, Bright Nickel Plated or Zinc Plated Steel



ACORN (CAP) NUT UTILITY ASSORTMENT

No. 020-336

Contains 87 Acorn Nuts in the following popular sizes: 6-32, 8-32, 10-24, 1/4-20, 5/16-18, 3/8-16, 1/2-13. Each size in an individual compartment in a sturdy fibreboard box.



ORDER BY STOCK NUMBER

Zinc Alloy Stock No.	Steel Stock No.	Size & Thread	Std. Pkg	Zinc Alloy Stock No.	Steel Stock No.	Size & Thread	Std. Pkg
104-006	104-106	6-32	100	104-016	104-116	5/16-18	100
104-008	104-108	8-32	100	104-017	—	5/16-24	100
104-010	104-110	10-24	100	104-018	104-118	3/8-16	100
104-011	104-111	10-32	100	104-019	—	3/8-24	100
104-014	104-114	1/4-20	100	104-022	—	1/2-13	50
104-015	—	1/4-28	100	—	—	—	—

PANEL NUTS
ÉCROUS À PANNEAU

106 Series

Precision made Steel and Brass thin nuts for volume controls on radios, chassis connections, toggle switches etc.

Five popular sizes available.



ORDER BY STOCK NUMBER

Std. Package: 25 pcs

Stock No.	Size & Description	Stock No.	Size & Description
106-914	1/4-32 Brass	106-920	7/16-28 Zinc plated Steel
106-916	3/8-24 Zinc plated Steel	106-922	1/2-28 Zinc plated Steel
106-918	3/8-32 Zinc plated Steel		

POZI-LOK[®] STOP NUTS PLATED ÉCROUS POZI-LOK[®] PLAQUÉ

108
UNC
Coarse

109
UNF
Fine

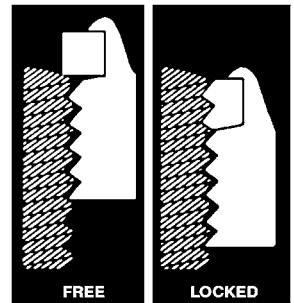
Nylon Insert

These prevailing torque locknuts offer excellent vibration resistance and a wide range of adjustment. The nylon collar prevents liquid seepage and internal corrosion. It is smaller than the bolt diameter and as the bolt enters the collar, the thread form is impressed in the nylon. The resulting compressive forces exert constant friction grip on the bolt and prevent loosening. These nuts may be re-used up to 50 times because the “elastic memory” feature of the nylon causes it to return to its original shape. May be used with Grade 2 and Grade 5 Screws up to 250° F. Bright Zinc Chromate Plated.

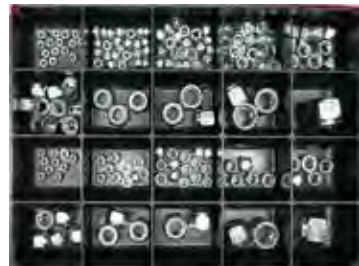


ORDER BY STOCK NUMBER

Stock No.	Size	Stock No.	Size	Standard	Dimensions	
UNC Coarse Thread		UNF Fine Thread		Packages	'A' Width	'B' Thickness
108-006	6-32	-	-	100	5/16	.178
108-008	8-32	-	-	100	11/32	.229
108-010	10-24	109-010	10/32	100	3/8	.239
108-014	1/4-20	109-014	1/4-28	100	7/16	.313
108-016	5/16-18	109-016	5/16-24	100	1/2	.344
108-018	3/8-16	109-018	3/8-24	100	9/16	.453
108-020	7/16-14	109-020	7/16-20	50	5/8	.453
108-022	1/2-13	109-022	1/2-20	50	3/4	.594
108-023	9/16-12	109-023	9/16-18	25	7/8	.641
108-024	5/8-11	109-024	5/8-18	25	15/16	.750
108-026	3/4-10	109-026	3/4-16	20	1-1/16	.875
108-028	7/8-9	109-028	7/8-14	20	1-1/4	.984
108-030	1-8	109-030	1-14	20	1-7/16	1.047



POZI-LOK[®] STOP NUT ASSORTMENT ASSORTIMENTS ÉCROUS POZI-LOK[®]



MASTER ASSORTMENT

No. 020-649

This assortment contains 175 nuts in 16 sizes from 1/4" to 3/4" in both Coarse and Fine Thread. Packed in sturdy, metal box with moulded plastic compartments. Illustrated lid label includes retail price codes.

GARAGE ASSORTMENTS

No. 020-064

UNC Coarse Thread

No. 020-065

UNF Fine Thread

■ Each contains 40 plated Pozi-Lok[®] Stop Nuts 1/4", 5/16", 3/8", 7/16" and 1/2" Dia.

■ Packed in a clear plastic box.



POZI-LOK[®] DOUBLE NUT ÉCROUS DOUBLE POZI-LOK[®]

111
Series

These Nylon Insert, prevailing torque lock nuts offer excellent vibration resistance and assure positive locking under severe shock. Used for Spring Centre Bolts. Spring U-Bolts etc. UNF Fine Thread.



ORDER BY STOCK NUMBER

Std. Package: 5 pcs

Stock No.	Size	Dimensions	
		Width 'A'	Thickness 'B'
111-018	3/8-24	35/64	41/64
111-020	7/16-20	5/8	49/64
111-022	1/2-20	3/4	13/16
111-024	5/8-18	15/16	1

**FLANGE NUTS
ÉCROUS DE REBORD**

For Metric Flange Nuts see pages 37 & 39

**118
Series**

Papco[®] Flange Nuts provide better load distribution in fastening metal parts, wood or other soft materials. The flange bridges an oversize or elongated hole and eliminates the need for washers.

Two styles:

- (A) Tensilock - one-piece, hardened, free running lock nuts have ratchet teeth in their base - bite into surface and hold tight under vibration.
- (B) Standard - in regular and large flange (L) patterns.



ORDER BY STOCK NUMBER

Std. Package: 100 pcs

Stock No.		Thread Size	Dimensions		
Tensilock	Standard		Hex 'F'	Thick 'H'	Flange 'M'
118-014	118-114	1/4-20	7/16	15/64	19/32
118-016	118-116	5/16-18	1/2	9/32	43/64
-	118-117	5/16-18 L	1/2	23/64	13/16
118-018	118-118	3/8-16	9/16	11/32	47/64
-	118-119	3/8-16 L	9/16	25/64	29/32
-	118-120	7/16-14	11/16	25/64	59/64
118-022	118-122	1/2-13	3/4	29/64	1-1/64

GARAGE ASSORTMENT

No. 020-053

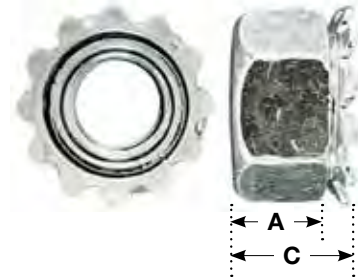
- Contains 50 locking flange nuts, five sizes from 1/4"-20 to 1/2"-13.
- Packed in a clear plastic box.
- Useful in many repairs where a flange nut is needed.



**KEPS[®] LOCKNUTS
ÉCROUS À BLOCAGE KEPS[®]**

**119
Series**

Consists of a pre-assembled hexagon nut and a tooth lock washer. The tapered, twisted locking teeth provide full locking action when the nut is seated. American Standard Machine Screw sizes. Bright Plated.



ORDER BY STOCK NUMBER

Std. Package: 100 pcs

Stock No.	Keps [®] Nut Size	Width Across Flats	Overall Thickness (C)	Nut Thickness (A)
119-006	6-32	5/16	9/64	7/64
119-008	8-32	11/32	5/32	1/8
119-010	10-24	3/8	5/32	1/8
119-011	10-32	3/8	5/32	1/8
119-014	1/4-20	7/16	15/64	3/16
119-015	1/4-28	7/16	15/64	3/16
119-016	5/16-18	1/2	11/32	9/32
119-018	3/8-16	9/16	7/16	3/8

GARAGE ASSORTMENT

No. 020-055

- This Assortment contains 75 'KEPS[®]' Locknuts in each of the sizes listed.
- Packed in a sturdy four compartment clear plastic box with a hinged lid.



**ELEVATOR BOLTS
BOULONS D'ASCENSEUR NU**

**125
Series**

These flat countersunk head square neck Elevator Bolts have large diameter flush heads. Used on elevator buckets and industrial belting where low head clearance is needed. Also used extensively in truck and trailer applications for walls, floors, racks and trailer doors.

ORDER BY STOCK NUMBER

Stock No.	Size	Stock No.	Size	Stock No.	Size
125-307	1/4 x 3/4	125-442	5/16 x 3/4	-	-
125-309	1	125-444	1	-	-
125-311	1-1/4	125-446	1-1/4	125-491	3/8 x 1-1/4
125-313	1-1/2	125-448	1-1/2	125-493	1-1/2
125-316	2	125-451	2	125-496	2
Head Diameter	1	1-3/16		1-5/16	

- Bare Metal
- UNC Coarse Thread
- Stress Relieved



Length measured overall

PLATED CARRIAGE BOLTS BOULONS DE CARROSSE PLAQUÉ

129
Series

Used extensively for Truck Rack and Floorboard construction or repair. Fully threaded for proper fit and adjustment in wood.



ORDER BY STOCK NUMBER

Length Overall	Bolt Diameter							
	1/4	Std. Pkg.	5/16	Std. Pkg.	3/8	Std. Pkg.	1/2	Std. Pkg.
3/4	129-307	100	129-442	100	129-487	100	-	-
1	129-309	100	129-444	100	129-489	100	129-579	50
1-1/4	129-311	100	129-446	100	129-491	100	129-581	50
1-1/2	129-313	100	129-448	100	129-493	100	129-583	50
2	129-316	100	129-451	100	129-496	100	129-586	50
2-1/2	129-318	100	129-453	100	129-498	100	129-588	50
3	129-320	100	129-455	100	129-500	100	129-590	50
3-1/2	129-322	100	129-457	100	129-502	100	129-592	50
4	129-324	100	129-459	100	129-504	100	129-594	50
4-1/2	129-325	100	129-460	100	129-505	100	129-595	50
5	129-326	100	129-461	100	129-506	50	129-596	25
6	129-329	100	129-464	50	129-509	50	129-599	25
8	-	-	-	-	129-513	50	129-603	25
10	-	-	-	-	129-517	10	129-607	10
12	-	-	-	-	129-520	10	129-610	10

Note: Plated Grade 5 Carriage Bolts are available. See current price list Industrial Price Book. Full shank Carriage Bolts available upon request.

PLATED CARRIAGE BOLTS BOULONS DE CARROSSE PLAQUÉ

129
Series

UTILITY ASSORTMENT

No. 020-330

- This Assortment contains 70 Plated Bolts and Nuts, 14 sizes.
- Each size in a compartment in a sturdy fibre-board container with retail prices shown.
- Particularly useful for farm, garage and general repair work.



PLATED GRADE 5 PLOW BOLTS BOULONS DE CHARRUE CLASSE 5 PLAQUÉ

133
Series

- Regular No. 3 Head
- High Carbon Steel
- Double Heat Treated

Papco[®] Plow Bolt heads are round and countersunk with a square neck. Oversize heads for 3/8" Dia. are 7/16" Dia. head and 7/16" Dia. is 1/2" Dia. head. Length is measured overall from end of bolt to the top of the head. Other heads and styles are available.



ORDER BY STOCK NUMBER

Standard Package: 3/8" Dia. 100; 7/16" and 1/2" Dia. 50; 5/8" Dia. 25

Length Overall	Standard Head				Oversize Head		Length Overall	Standard Head				Oversize Head	
	3/8	7/16	1/2	5/8	3/8	7/16		3/8	7/16	1/2	5/8	3/8	7/16
1	133-489	133-534	-	-	-	-	2	133-496	133-541	133-586	133-675	-	133-820
1-1/4	133-491	133-536	133-581	-	133-791	-	2-1/4	-	-	-	133-676	-	133-822
1-1/2	133-493	133-538	133-583	133-672	133-793	-	2-1/2	133-498	133-543	133-588	133-677	-	133-824
1-3/4	133-495	133-540	133-585	133-674	-	133-816	3	-	133-545	133-590	133-679	-	-

PLATED LAG BOLTS TIRE-FOND PLAQUÉ

135
Series

- Hex Head
- Sharp Gimlet Point



ORDER BY STOCK NUMBER

Standard Package: 100, *50, **25

Dia. Length		1/4	5/16	3/8	1/2	Dia. Length		1/4	5/16	3/8	1/2
1	135-309	135-444	-	-	-	4	135-324	135-459	135-504	135-594*	
1-1/4	135-311	135-446	-	-	-	4-1/2	135-325	135-460	135-505	135-595*	
1-1/2	135-313	135-448	135-493	-	-	5	135-326	135-461	135-506*	135-596*	
2	135-316	135-451	135-496	135-586*	-	6	135-329	135-464	135-509*	135-599**	
2-1/2	135-318	135-453	135-498	135-588*	-	7	-	-	135-511*	135-601**	
3	135-320	135-455	135-500	135-590*	-	8	-	-	135-513*	135-603**	
3-1/2	135-322	135-457	135-502	135-592*	-						

Length of Lag Bolt is measured from under head to end of point. Thread is one-half of length plus 1/2". Larger and longer sizes are available.