papco®

GRADE 5 HEX HEAD CAP SCREWS BARE
BOULONS HEX CLASSE 5 NUS

073 UNC Coarse

074 UNF Fine

- Made to S.A.E. J429 specifications.
- Medium carbon Steel.
- Double heat treated.
- Bare Metal.

Papco® Grade 5 Cap Screws, identified by the three radial bar head marking, are made of medium carbon steel, quenched and tempered for higher tensile strength and holding power. Tensile strength: up to 1" Dia.-120,000 p.s.i. (min.) 1-1/8" Dia. up-105,000 p.s.i. (min.)

ORDER BY STOCK NUMBER

Example of Stock No. 073-586 is 1/2 x 2 Coarse Thread Grade 5 Cap Screw Bare Metal.

UNC Coarse Thread, add prefix 073 **UNF fine thread, add prefix 074**

Threads	UNC	20	18	16	14	13	12	11	10	9	8	7	7	6
per inch	UNF	28	24	24	20	20	18	18	16	14	14	12	12	12
Diameter		1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1-1/8	1-1/4	1-1/2
1/2		-305	-440	-485	-	-	-	-	-	-	-	-	-	-
3/4		-307	-442	-487	-532	-	-	-	-	-	-	-	-	-
1		-309	-444	-489	-534	-579	-623	-668	-	-	-	-	-	-
1-1/4		-311	-446	-491	-536	-581	-625	-670	-	-	-	-	-	-
1-1/2		-313	-448	-493	-538	-583	-627	-672	-714	-	-	-	-	-
1-3/4		-315	-450	-495	-540	-585	-629	-674	-716	-761	-802	-	-	-
2		-316	-451	-496	-541	-586	-630	-675	-717	-762	-803	-	-	-
2-1/4		-317	-452	-497	-542	-587	-631	-676	-718	-763	-804	-	-	-
2-1/2		-318	-453	-498	-543	-588	-632	-677	-719	-764	-805	-845	-885	-
2-3/4		-319	-454	-499		-589		-678	-720	-	-	-	-	-
3		-320	-455	-500	-545	-590	-634	-679	-721	-766	-807	-847	-887	-
3-1/2		-322	-457	-502	-547	-592	-636	-681	-723	-768	-809*	-849	-889	-
4		-324	-459	-504	-549	-594	-638	-683	-725	-770	-811*	-851	-891	-961
4-1/2		-325	-460	-505	-550	-595	-639	-684	-726	-771	-812*	-852	-892	-962
5		-326	-461	-506*	-551	-596	-640	-685	-727	-772	-813*	-853	-893	-963
5-1/2		-327	-462	-507*	-552	-597	-641	-686	-728	-773*	-814*	-854	-894	-964
6		-329	-464	-509*	-554	-599*	-643	-688	-730	-775*	-816*	-856	-896	-966
7		-	-	-	-	-601*	-	-690	-732	-777*	-818*	-858	-898	-968
8		-	-	-	-	-603*	-	-692	-734	-779*	-820*	-860	-900	-970
Head Width Across Flats		7/16	1/2	9/16	5/8	3/4	13/16	15/16	1-1/8	1-5/16	1-1/2	1-11/16	1-7/8	2-1/4
Head Height		5/32	13/64	15/64	9/32	5/16	23/64	25/64	15/32	35/64	39/64	11/16	25/32	15/16
Standard Package		100	100	100	50*	50	50	25*	25	25	20	20	10*	As Required

GRADE 5 HEX NUTS BARE
ÉCROUS HEX CLASSE 5 NUS

085 UNC Coarse

086 UNF Fine

- Made to Standard Finished Hexagon Nut dimensions.
- Bare Metal.

	Diameter	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1
Stock No.	UNC Coarse	085-014	085-016	085-018	085-020	085-022	085-023	085-024	085-026	085-028	085-030
	UNF Fine	086-014	086-016	086-018	086-020	086-022	086-023	086-024	086-026	086-028	086-030
	Standard Package	100	100	100	50	50	25	25	20	20	20

For Grade 2 Plated and Bare Hex Nuts see page 63.

GRADE 2 HEX HEAD CAP SCREWS PLATED
BOULONS HEX CLASSE 2 PLAQUÉS

071 UNC Plated

Papco® Grade 2 Cap Screws are made from low carbon steel and have no head bar markings. Tensile strength: up to 5/8" Dia.-64,000 p.s.i. (min.) 3/4" Dia. up-55,000 p.s.i. (min.)

ORDER BY STOCK NUMBER

UNC Coarse Thread Zinc Plated, add prefix 071.

Example of Stock No. 071-586 is 1/2 x 2 Coarse Thread Grade 2 Cap Screw Zinc Plated.

NOTE: BOLT STRENGTH IS INDICATED BY HEAD MARKING. DO NOT REPLACE WITH A LOWER GRADE THAN THE ORIGINAL.

PLATED GRADE 5 HEX HEAD CAP SCREWS
BOULONS HEX CLASSE 5 PLAQUÉS

075 UNC Coarse

076 UNF Fine

- Made to S.A.E. J429 specifications.
- Medium carbon Steel.
- Double heat treated.
- Bright Electroplated with Chromate Finish.

Papco® Plated Grade 5 Cap Screws are identified by the three radial bar head marking and are made of medium carbon steel, quenched and tempered for higher Tensile strength and holding power. Bright Electroplated with Chromate finish to resist rust. Tensile strength: up to 1" Dia.-120,000 p.s.i. (min.) 1-1/8" Dia. up-105,000 p.s.i. (min.)

ORDER BY STOCK NUMBER

Example of Stock No. 075-586 is 1/2 x 2 Coarse Thread Plated Grade 5 Cap Screw.

UNC Coarse Thread Plated, add prefix 075 **UNF Fine Thread Plated, add prefix 076**

Threads per inch	UNC	20	18	16	14	13	12	11	10	9	8	7
	UNF	28	24	24	20	20	18	18	16	14	14	12
Diameter		1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1	1-1/4
1/2		-305	-440	-	-	-	-	-	-	-	-	-
3/4		-307	-442	-487	-532	-	-	-	-	-	-	-
1		-309	-444	-489	-534	-579	-623	-668	-	-	-	-
1-1/4		-311	-446	-491	-536	-581	-625	-670	-	-	-	-
1-1/2		-313	-448	-493	-538	-583	-627	-672	-714	-	-	-
1-3/4		-315	-450	-495	-540	-585	-	-674	-716	-761	-802	-
2		-316	-451	-496	-541	-586	-630	-675	-717	-762	-803	-
2-1/4		-317	-452	-497	-	-587	-	-676	-718	-763	-804	-
2-1/2		-318	-453	-498	-543	-588	-632	-677	-719	-764	-805	-885
3		-320	-455	-500	-545	-590	-634	-679	-721	-766	-807	-887
3-1/2		-322	-457	-502	-547	-592	-	-681	-723	-768	-809*	-889
4		-324	-459	-504	-549	-594	-	-683	-725	-770	-811*	-891
4-1/2		-325	-460	-505	-	-595	-	-684	-726	-771	-812*	-892
5		-326	-461	-506*	-	-596	-	-685	-727	-772	-813*	-893
5-1/2		-	-	-	-	-597	-	-686	-728	-773*	-814*	-894
6		-	-	-509*	-554	-599*	-	-688	-730	-775*	-816*	-896
Head Width Across Flats		7/16	1/2	9/16	5/8	3/4	13/16	15/16	1-1/8	1-5/16	1-1/2	1-7/8
Head Height		5/32	13/64	15/64	9/32	5/16	23/64	25/64	15/32	35/64	39/64	25/32
Standard Package		100	100	100	50*	50	20	25*	25	25	20	20	10*	20	10*	As Required

PLATED GRADE 5 HEX NUTS
ÉCROUS HEX CLASSE 5 PLAQUÉS

087 UNC Coarse

088 UNF Fine

- Made to Standard Finished Hexagon Nut dimensions.
- Bright Electroplated with Chromate Finish.

	Diameter	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1
Stock No.	UNC Coarse	087-014	087-016	087-018	087-020	087-022	087-023	087-024	087-026	087-028	087-030
	UNF Fine	088-014	088-016	088-018	088-020	088-022	088-023	088-024	088-026	088-028	088-030
	Standard Package	100	100	100	50	50	25	25	20	20	20

PLATED BULK FASTENERS
ATTACHES EN VRAC PLAQUÉS

- 1/8 keg - 25 lbs. (maximum).
- Bright Electroplated with chromate finish.

Papco® Plated Grade 5 Cap Screws, Hex Nuts, Washers, Carriage Bolts, Lag Bolts and Screw Products series No. 845.

Refer to the current jobber or dealer price books for bulk quantities and sizes.

GRADE 8 HEX HEAD CAP SCREWS PLATED OR BARE
BOULONS HEX CLASSE 8 PLAQUÉS OU NUS

077 Coarse Bare | **078** Fine Bare | **079** Coarse Plated | **080** Fine Plated

Yellow Zinc plated image

- Made to S.A.E. J429 specifications.
- Medium Carbon Alloy Steel.
- Gold Zinc Dichromate plated or Bare Metal.
- Six Radial Bars.
- Double heat treated.

Papco® Grade 8 Cap Screws, identified by the six radial bar head marking, are made of medium carbon alloy steel, quenched and tempered for stronger, safer, more reliable mechanical joints. Use with Grade 8 Nuts to develop the full strength of the Cap Screw. Tensile strength: 150,000 p.s.i. (min.)

ORDER BY STOCK NUMBER

Example of Stock No. 079-586 is 1/2" x 2 Coarse Thread Plated Grade 8 Cap Screw.

Plated UNC Coarse Thread, add prefix 079 **Plated UNF Fine Thread, add prefix 080**

Threads															
per inch	UNC	20	18	16		14	13		11	10	9		8		7
	UNF	28	24	24		20	20		18	16	14		14		12
Diameter		1/4	5/16	3/8		7/16	1/2		5/8	3/4	7/8		1		1-1/4
1/2		-305	-440	-		-	-		-	-	-		-		-
3/4		-307	-442	-487		-	-		-	-	-		-		-
1		-309	-444	-489		-534	-579		-668	-	-		-		-
1-1/4		-311	-446	-491		-536	-581		-	-	-		-		-
1-1/2		-313	-448	-493		-538	-583		-672	-714	-		-		-
1-3/4		-315	-450	-495		-	-585		-674	-	-		-		-
2		-316	-451	-496		-541	-586		-675	-717	-762		-803		-
2-1/4		-317	-452	-497		-	-587		-676	-	-		-		-
2-1/2		-318	-453	-498		-543	-588		-677	-719	-764		-805		-
3		-320	-455	-500		-545	-590		-679	-721	-766		-807		-887
3-1/2		-322	-457	-502		-547	-592		-681	-723	-768		-809*		-
4		-324	-459	-504		-549	-594		-683	-725	-770		-811*		-891
4-1/2		-	-	-		-550	-595		-684	-726	-		-		-
5		-326	-461	-506*		-551	-596		-685	-727	-772		-813*		-893
6		-329	-464	-509*		-554	-599*		-688	-730	-775*		-816*		-896
7		-	-	-		-	-		-690	-732	-777*		-818*		-
8		-	-	-		-	-		-692	-734	-779*		-820*		-900
Head Width Across Flats		7/16	1/2	9/16		5/8	3/4		15/16	1-1/8	1-5/16		1-1/2		1-7/8
Head Height		5/32	13/64	15/64		9/32	5/16		25/64	15/32	35/64		39/64		25/32
Standard Package		100	100	100	50*	50	50	25*	25	20	20	10*	20	10*	As Required

GRADE 8 HEX NUTS PLATED OR BARE
ÉCROUS HEX CLASSE 8 PLAQUÉS OU NUS

089 Coarse Bare | **090** Fine Bare | **091** Coarse Plated | **092** Fine Plated

- Made to standard finished Hexagon Nut dimensions.
- Gold Zinc Dichromate plated or Bare Metal.

Yellow Zinc plated image

ORDER BY STOCK NUMBER

Diameter	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1
Stock No.	-014	-016	-018	-020	-022	-024	-026	-028	-030
Across Flats	7/16	1/2	9/16	11/16	3/4	15/16	1-1/8	1-5/16	1-1/2
Standard Package	100	100	100	50	50	25	20	20	20

For Grade 8 Flat Washers see 101 Series Tension Washers - Lock Washers see 101 Series Extra Duty Lock Washers, pages 63 & 94.