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.