

**BOLTS, NUTS, AND LARGE SCREWS
OF IRON OR STEEL:
U.S. PRODUCTION, SHIPMENTS,
IMPORTS, EXPORTS,
APPARENT CONSUMPTION,
EMPLOYMENT,
MAN-HOURS, AND
PRICES, FIRST
CALENDAR QUARTER
1980**

**Report to the President
on Investigation
No. 332-103 Under
Section 332 of the
Tariff Act of 1930**

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Summary Highlights of the Fifth Quarterly Survey of U.S. Producers of Bolts,
Nuts, and Large Screws of Iron or Steel

Production

U.S. production of bolts, nuts, and large screws during the first quarter of 1980 totaled 283 million pounds, which was about 15 percent less than production during the first quarter of 1979, but 4 percent greater than production during the fourth quarter of 1979.

U.S. producers' shipments

During the first quarter of 1980, U.S. producers' shipments amounted to 263 million pounds, which was 18 percent less than shipments in the first quarter of 1979 and about 5 percent larger than shipments during the fourth quarter of 1979.

U.S. imports

U.S. imports of bolts, nuts, and large screws totaled approximately 185 million pounds in the first quarter of 1980, which was about 9 percent less than imports in the first quarter of 1979 but 5 percent larger than imports in the fourth quarter of 1979.

U.S. exports

The quantity of bolts, nuts, and large screws exported during the first quarter of 1980 was 45 percent less than exports during the first quarter of 1979, and 29 percent less than exports during the fourth quarter of 1979.

Apparent consumption

Apparent consumption of bolts, nuts, and large screws during the first quarter of 1980 was 419 million pounds, which was 11 percent less than apparent consumption in the first quarter of 1979, but 9 percent greater than the

quantities consumed during the fourth quarter of 1979. The ratio of imports to consumption increased from 43 percent during the first quarter of 1979 to 46 percent during the last quarter of 1979 before decreasing to 44 percent during the first quarter of 1980.

Employment and man-hours

The average number of production and related workers engaged in the production of bolts, nuts, and large screws decreased during each of the periods under discussion, from 13,759 workers during the first quarter of 1979 to 13,571 workers during the first quarter of 1980. The man-hours expended by these workers followed the same trend, decreasing from 8,338,000 during the first quarter of 1979 to 7,718,000 during the first quarter of 1980.

Prices

With the exception of prices received for cap screws and structural bolts, the average lowest net selling prices received by U.S. producers in the first quarter of 1980 were, on an average, about 9 percent greater than prices received during the first quarter of 1979 and were about the same as prices received during the fourth quarter of 1979. The prices received for cap screws fluctuated during the three quarters under discussion and were about 6 percent less during the first quarter of 1980 than prices received during the fourth quarter of 1979. Prices received for structural bolts declined during each of the three quarters.

C O N T E N T S

	<u>Page</u>
1. Bolts, nuts, and large screws of iron or steel: U.S. production, by types, by months, July 1978-March 1980-----	1
2. Bolts, nuts, and large screws of iron or steel: U.S. producers' shipments, imports for consumption, exports of domestic merchandise, and apparent consumption, 1976-78, and specified periods July 1978-March 1980-----	2
3. Bolts, nuts, and large screws of iron or steel: U.S. producers' shipments, by types, 1976-78, and specified periods, July 1978-March 1980-----	4
4. Bolts, nuts, and large screws of iron or steel: U.S. imports for consumption, by types, 1976-78, and specified periods, July 1978-March 1980-----	6
5. Average number of persons employed in U.S. establishments in which bolts, nuts, and large screws were produced, total and production and related workers engaged in the production of all products and of bolts, nuts, and large screws, 1976-78 and specified periods July 1978-March 1980-----	8
6. Man-hours expended by production and related workers in U.S. establishments in which bolts, nuts, and large screws were produced, 1976-78, and specified periods, July 1978-March 1980-----	9
7. Bolts, nuts, and large screws: Ranges and averages of lowest net selling prices received by U.S. producers on sales to distributors, by specified periods, January 1976-March 1980-----	10
8. Bolts, nuts, and large screws: Ranges and averages of lowest net selling prices received by U.S. producers on sales to distributors, by specified periods, January 1976-March 1980-----	11
9. Bolts, nuts, and large screws: Ranges and averages of lowest net selling prices received by U.S. producers on sales to distributors, by specified periods, January 1976-March 1980-----	12

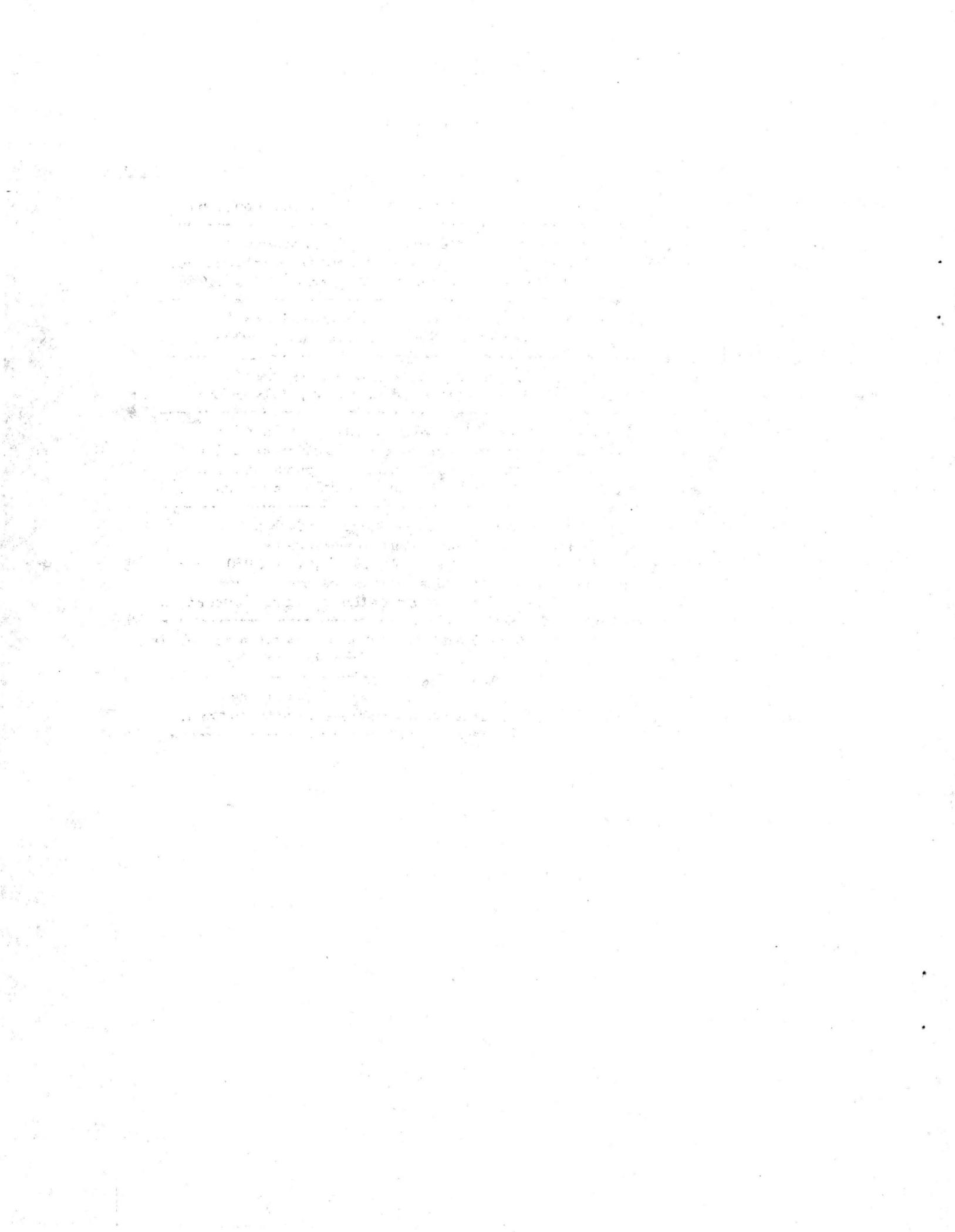


Table 1.--Bolts, nuts, and large screws of iron or steel: U.S. production
by types, by months, July 1978-March 1980

Period	Bolts and large screws	Nuts	Total
Quantity (1,000 pounds)			
1978:			
July-----	52,048 :	12,198 :	64,246
August-----	75,474 :	21,264 :	96,738
September-----	78,718 :	17,898 :	96,616
Total-----	206,240 :	51,360 :	257,600
October-----	85,488 :	21,315 :	106,803
November-----	78,473 :	21,349 :	99,822
December-----	79,112 :	19,181 :	98,293
Total-----	243,073 :	61,845 :	304,918
1979:			
January-----	86,160 :	23,338 :	109,498
February-----	82,889 :	23,045 :	105,934
March-----	92,660 :	26,487 :	119,147
Total-----	261,709 :	72,870 :	334,579
April-----	88,018 :	23,769 :	111,787
May-----	91,225 :	25,791 :	117,016
June-----	91,981 :	25,641 :	117,622
Total-----	271,224 :	75,201 :	346,425
July-----	70,932 :	18,530 :	89,462
August-----	87,107 :	26,317 :	113,424
September-----	79,457 :	22,152 :	101,609
Total-----	237,496 :	66,999 :	304,495
October-----	84,894 :	26,086 :	110,980
November-----	71,784 :	21,813 :	93,597
December-----	52,110 :	15,771 :	67,881
Total-----	208,788 :	63,670 :	272,458
1980:			
January-----	73,497 :	20,139 :	93,636
February-----	72,084 :	21,022 :	93,106
March-----	73,185 :	23,363 :	96,548
Total-----	218,766 :	64,524 :	283,290

Source: Compiled from data submitted in response to questionnaires of
the U.S. International Trade Commission.

Table 2.--Bolts, nuts, and large screws of iron or steel: U.S. producers' shipments, imports for consumption, exports of domestic merchandise, and apparent consumption, 1976-78, and specified periods, July 1978-March 1980

Period						Ratio (percent) of Apparent imports to--	
	Producers' ship- ments	Imports 1/	Exports 2/	Apparent consump- tion	Shipments:	Apparent consump- tion	
Quantity (1,000 pounds)							
1976-----	1,133,952	704,474	197,269	1,641,157	62		43
1977-----	1,175,563	716,916	218,265	1,674,214	61		43
1978-----	1,151,326	849,313	217,051	1,783,588	74		48
1978:							
July-----	67,335	77,074	15,255	129,154	115		60
August-----	93,943	72,349	21,301	144,991	77		50
September-----	94,237	65,380	14,528	145,089	69		45
Total-----	255,515	214,803	51,084	419,234	84		51
October-----	100,634	66,751	20,439	146,946	66		45
November-----	92,699	67,107	17,723	142,083	72		47
December-----	83,616	53,181	15,413	121,384	64		44
Total-----	276,949	187,039	53,575	410,413	68		46
1979:							
January-----	107,364	65,181	16,192	156,353	61		42
February-----	99,152	68,174	17,566	149,760	69		46
March-----	115,276	70,611	19,122	166,765	61		42
Total-----	321,792	203,966	52,880	472,878	63		43
April-----	103,489	68,070	24,769	146,790	66		46
May-----	107,568	68,862	19,074	157,356	64		44
June-----	105,460	77,122	17,651	164,931	73		47
Total-----	316,517	214,054	61,494	469,077	68		46
July-----	84,630	69,596	12,938	141,288	82		49
August-----	97,699	68,857	15,781	150,775	70		46
September-----	91,688	60,225	14,828	137,085	66		44
Total-----	274,017	198,678	43,547	429,148	73		46
October-----	99,680	55,543	15,844	139,379	56		40
November-----	83,240	59,165	15,426	126,979	71		47
December-----	66,181	61,577	9,982	117,776	93		52
Total-----	249,101	176,285	41,252	384,134	71		46
1980:							
January-----	90,113	61,594	9,500	142,207	68		43
February-----	84,916	62,925	9,123	138,718	74		45
March-----	88,374	60,206	10,705	137,875	68		44
Total-----	263,403	184,725	29,328	418,800	70		44

See footnotes at end of table.

Table 2.--Bolts, nuts, and large screws of iron or steel: U.S. producers' shipments, imports for consumption, exports of domestic merchandise, and apparent consumption, 1976-78, and specified periods, July 1978-March 1980--Continued

Period						Ratio (percent) of Apparent imports to--	
	Producers' ship- ments	Imports 1/	Exports 2/	consump- tion	Shipments:	Apparent consump- tion	
Value (1,000 dollars)							
1976-----:	986,432	227,390	107,055	1,106,767	23		21
1977-----:	1,074,609	256,220	114,252	1,216,577	24		21
1978-----:	1,095,332	368,865	133,112	1,331,085	34		28
1978:							
July-----:	59,224	31,841	8,258	82,807	54		39
August----:	85,074	31,029	10,348	105,755	37		29
September--:	84,806	30,697	9,575	105,928	36		29
Total-----:	229,104	93,567	28,181	294,490	41		32
October----:	92,098	32,110	12,623	111,585	35		29
November---:	84,565	31,840	10,875	105,530	38		30
December---:	78,146	49,324	10,635	116,835	63		42
Total-----:	254,809	113,274	34,133	333,950	44		40
1979:							
January----:	100,701	31,158	10,382	121,477	31		26
February---:	94,958	32,554	11,041	116,471	34		28
March-----:	111,421	33,861	11,926	133,356	30		25
Total-----:	307,080	97,573	33,349	371,304	32		26
April-----:	103,817	32,298	10,899	125,216	31		26
May-----:	109,210	32,306	12,814	128,702	30		25
June-----:	113,228	36,042	12,455	136,815	32		26
Total-----:	326,255	100,646	36,168	390,733	31		26
July-----:	93,715	31,440	882	124,273	34		25
August----:	109,835	31,948	10,209	131,574	29		24
September--:	107,083	28,712	10,412	125,383	27		23
Total-----:	310,633	92,100	21,503	381,230	30		24
October----:	111,677	26,876	11,876	126,677	24		21
November---:	93,767	28,474	10,717	111,524	30		26
December---:	79,577	29,287	9,094	99,770	37		29
Total-----:	285,021	84,637	31,687	337,971	30		25
1980:							
January----:	108,588	29,841	11,400	127,029	27		23
February---:	101,606	29,038	11,896	118,748	29		24
March-----:	111,275	28,016	12,479	126,812	25		22
Total-----:	321,469	86,895	35,775	372,589	27		23

1/ Import statistics contain corrected data.

2/ Prior to Jan. 1, 1978, exports include bolts, threaded rods and studs, nuts if nuts and bolts are in the same shipment, screws, rivets, washers, and similar articles. It is estimated by the staff of the U.S. International Trade Commission that bolts, nuts, and large screws of iron or steel accounted for approximately 80 percent of total exports.

Source: U.S. producers' shipments, compiled from data submitted in response to questionnaires of the U.S. International Trade Commission; imports and exports, compiled from official statistics of the U.S. Department of Commerce, except as noted.

Table 3.--Bolts, nuts, and large screws of iron or steel: U.S. producers' shipments, by types, 1976-78, and specified periods, July 1978-March 1980

Period	Bolts and large screws	Nuts	Total
	Quantity (1,000 pounds)		
1976-----	912,072	221,880	1,133,952
1977-----	950,607	224,956	1,175,563
1978-----	920,712	230,614	1,151,326
1978:			
July-----	54,134	13,201	67,335
August-----	73,633	20,310	93,943
September-----	73,789	20,448	94,237
Total-----	201,556	53,959	255,515
October-----	76,496	24,138	100,634
November-----	73,258	19,441	92,699
December-----	70,335	13,281	83,616
Total-----	220,089	56,860	276,949
1979:			
January-----	84,191	23,173	107,364
February-----	78,709	20,443	99,152
March-----	90,703	24,573	115,276
Total-----	253,603	68,189	321,792
April-----	81,246	22,243	103,489
May-----	83,986	23,582	107,568
June-----	82,907	22,553	105,460
Total-----	248,139	68,378	316,517
July-----	69,758	14,872	84,630
August-----	78,803	18,896	97,699
September-----	74,826	16,862	91,688
Total-----	223,387	50,630	274,017
October-----	80,661	19,019	99,680
November-----	68,456	14,784	83,240
December-----	54,546	11,635	66,181
Total-----	203,663	45,438	249,101
1980:			
January-----	72,839	17,274	90,113
February-----	69,792	15,124	84,916
March-----	72,948	15,426	88,374
Total-----	215,579	47,824	263,403

Table 3.--Bolts, nuts, and large screws of iron or steel: U.S. producers' shipments, by types, 1976-78, and specified periods, July 1978-March 1980--Continued

Period	Bolts and large screws	Nuts	Total
	Value (1,000 dollars)		
1976-----:	702,426	284,006	986,432
1977-----:	779,917	294,692	1,074,609
1978-----:	763,368	331,964	1,095,332
1978:			
July-----:	42,099	17,125	59,224
August-----:	58,327	26,747	85,074
September-----:	57,831	26,975	84,806
Total-----:	158,257	70,847	229,104
October-----:	59,954	32,144	92,098
November-----:	58,323	26,242	84,565
December-----:	53,644	24,502	78,146
Total-----:	171,921	82,888	254,809
1979:			
January-----:	69,450	31,251	100,701
February-----:	65,944	29,014	94,958
March-----:	77,715	33,706	111,421
Total-----:	213,109	93,971	307,080
April-----:	72,713	31,104	103,817
May-----:	75,811	33,399	109,210
June-----:	80,401	32,827	113,228
Total-----:	228,925	97,330	326,255
July-----:	68,049	25,666	93,715
August-----:	78,333	31,502	109,835
September-----:	76,869	30,214	107,083
Total-----:	223,251	87,382	310,633
October-----:	78,119	33,558	111,677
November-----:	65,673	28,094	93,767
December-----:	56,183	23,394	79,577
Total-----:	199,975	85,046	285,021
1980:			
January-----:	77,214	31,374	108,588
February-----:	72,302	29,304	101,606
March-----:	80,273	31,002	111,275
Total-----:	229,789	91,680	321,469

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 4.--Bolts, nuts, and large screws of iron or steel: U.S. imports for consumption, by types, 1976-78, and specified periods, July 1978-March 1980

Period	Bolts and large screws	Nuts	Total
	Quantity (1,000 pounds)		
1976-----:	474,084 :	230,390 :	704,474
1977-----:	491,140 :	225,776 :	716,916
1978-----:	571,324 :	277,989 :	849,313
1978:	:	:	
July-----:	51,026 :	26,048 :	77,074
August-----:	45,303 :	27,046 :	72,349
September-----:	37,430 :	27,950 :	65,380
Total-----:	133,759 :	81,044 :	214,803
October-----:	38,995 :	27,756 :	66,751
November-----:	41,211 :	25,896 :	67,107
December-----:	23,825 :	29,356 :	53,181
Total-----:	104,031 :	83,008 :	187,039
1979:	:	:	
January-----:	37,790 :	27,391 :	65,181
February-----:	41,955 :	26,219 :	68,174
March-----:	49,988 :	25,623 :	70,611
Total-----:	124,733 :	79,233 :	203,966
April-----:	46,169 :	21,901 :	68,070
May-----:	45,499 :	23,363 :	68,862
June-----:	51,528 :	25,594 :	77,122
Total-----:	143,196 :	70,858 :	214,054
July-----:	47,722 :	21,874 :	69,596
August-----:	44,522 :	24,335 :	68,857
September-----:	39,263 :	20,962 :	60,225
Total-----:	131,507 :	67,171 :	198,678
October-----:	37,727 :	17,816 :	55,543
November-----:	39,973 :	19,192 :	59,165
December-----:	40,758 :	20,819 :	61,577
Total-----:	118,458 :	57,827 :	176,285
1980:	:	:	
January-----:	41,519 :	20,075 :	61,594
February-----:	44,519 :	18,406 :	62,925
March-----:	42,431 :	17,775 :	60,206
Total-----:	128,469 :	56,256 :	184,725

Table 4.--Bolts, nuts, and large screws of iron or steel: U.S. imports for consumption, by types, 1976-78, and specified periods, July 1978-March 1980--Continued

Period	Bolts and large screws	Nuts	Total
	Value (1,000 dollars)		
1976-----:	129,297 :	98,093 :	227,390
1977-----:	156,006 :	100,214 :	256,220
1978-----:	210,917 :	157,948 :	368,865
1978:	:	:	:
July-----:	18,611 :	13,230 :	31,841
August-----:	17,151 :	13,878 :	31,029
September-----:	16,648 :	14,049 :	30,697
Total-----:	52,410 :	41,157 :	93,567
October-----:	16,573 :	15,537 :	32,110
November-----:	17,374 :	14,466 :	31,840
December-----:	32,629 :	16,695 :	49,324
Total-----:	66,576 :	46,698 :	113,274
1979:	:	:	:
January-----:	15,579 :	15,579 :	31,158
February-----:	18,294 :	14,260 :	32,554
March-----:	18,714 :	15,147 :	33,861
Total-----:	52,587 :	44,986 :	47,573
April-----:	19,253 :	13,045 :	32,298
May-----:	19,024 :	13,282 :	32,306
June-----:	21,378 :	14,664 :	36,042
Total-----:	59,655 :	40,991 :	100,646
July-----:	18,916 :	12,524 :	31,440
August-----:	18,343 :	13,605 :	31,948
September-----:	16,683 :	12,029 :	28,712
Total-----:	53,942 :	38,158 :	92,100
October-----:	16,434 :	10,442 :	26,876
November-----:	17,243 :	11,231 :	28,474
December-----:	17,529 :	11,758 :	29,287
Total-----:	51,206 :	33,431 :	84,637
1980:	:	:	:
January-----:	18,110 :	11,731 :	29,841
February-----:	18,326 :	10,712 :	29,038
March-----:	18,037 :	9,979 :	28,016
Total-----:	54,473 :	32,422 :	86,895

Source: Compiled from official statistics of the U.S. Department of Commerce.

Table 5.--Average number of persons employed in U.S. establishments in which bolts, nuts, and large screws were produced, total and production and related workers engaged in the production of all products and of bolts, nuts, and large screws, 1976-78, and specified periods, July 1978-March 1980

Period	Production and related workers engaged in the production of--				
	All persons	All products	Bolts and large screws	Nuts	Total, bolts, nuts, and large screws
1976-----:	34,339	27,080	10,032	3,435	13,467
1977-----:	35,172	27,642	10,040	3,410	13,450
1978-----:	35,920	27,738	9,982	3,334	13,316
1978:					
July-----:	35,072	26,536	9,391	3,142	12,533
August----:	35,167	26,616	9,678	3,262	12,940
September--:	35,274	26,755	9,323	3,310	12,633
Average----:	35,171	26,636	9,464	3,238	12,702
October----:	35,822	27,614	9,773	3,312	13,085
November---:	35,878	27,246	9,863	3,380	13,243
December---:	36,131	27,491	9,895	3,412	13,307
Average----:	35,944	27,450	9,844	3,368	13,212
1979:					
January---	36,438	27,667	10,063	3,489	13,552
February---	37,069	28,203	10,266	3,514	13,780
March-----:	37,125	23,376	10,359	3,585	13,944
Average----:	36,877	26,415	10,229	3,529	13,759
April-----:	36,746	28,067	10,626	3,643	14,269
May-----:	36,678	27,948	10,633	3,648	14,281
June-----:	36,977	28,163	10,716	3,706	14,422
Average----:	36,800	28,059	10,658	3,666	14,324
July-----:	36,396	28,022	10,686	3,423	14,109
August----:	35,811	27,476	10,387	3,599	13,986
September--:	35,259	27,123	10,213	3,550	13,763
Average----:	35,822	27,540	10,429	3,524	13,953
October---:	34,934	25,804	10,086	3,783	13,869
November--:	34,507	25,635	10,085	3,767	13,852
December---:	33,755	24,998	9,963	3,411	13,374
Average----:	34,399	25,479	10,044	3,654	13,698
1980:					
January---	33,816	24,688	9,984	3,675	13,659
February---	33,682	24,678	9,944	3,707	13,651
March-----:	33,094	24,163	9,815	3,588	13,403
Average----:	33,531	24,510	9,914	3,657	13,571

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 6.--Man-hours expended by production and related workers in U.S. establishments in which bolts, nuts, and large screws were produced, 1976-78, and specified periods, July 1978-March 1980

Period	(In 1,000 man-hours)				Total, bolts, nuts, and large screws
	All products	Bolts and large screws	Nuts		
1976-----	55,073	20,643	6,771		27,414
1977-----	56,213	20,715	6,795		27,510
1978-----	56,449	21,905	7,126		29,031
1978:					
July-----	3,984	1,582	485		2,067
August-----	4,646	1,821	605		2,426
September-----	4,667	1,914	637		2,551
Total-----	13,297	5,317	1,727		7,044
October-----	4,928	1,989	617		2,606
November-----	4,848	1,954	635		2,589
December-----	4,902	1,925	630		2,555
Total-----	14,678	5,868	1,882		7,750
1979:					
January-----	5,061	2,018	691		2,709
February-----	4,848	1,978	672		2,650
March-----	4,605	2,222	757		2,979
Total-----	14,514	6,218	2,120		8,338
April-----	5,067	1,974	647		2,621
May-----	5,135	1,971	666		2,637
June-----	5,411	2,088	791		2,879
Total-----	15,613	6,033	2,104		8,137
July-----	5,014	1,888	564		2,452
August-----	5,074	1,926	700		2,626
September-----	4,806	1,890	718		2,608
Total-----	14,894	5,704	1,982		7,686
October-----	4,974	2,110	767		2,877
November-----	4,550	1,910	747		2,657
December-----	4,171	1,807	682		2,489
Total-----	13,695	5,827	2,196		8,023
1980:					
January-----	4,576	1,807	691		2,498
February-----	4,338	1,791	703		2,494
March-----	4,653	1,962	764		2,726
Total-----	13,567	5,560	2,158		7,718

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 7.--Bolts, nuts, and large screws: Ranges and averages of lowest net selling prices received by U.S. producers to distributors, by specified periods, January 1976-March 1980

		(Per 1,000 pieces)			
		Domestic price			
Period	:	Cap screws, grade 2, 3/8" - 16 x 1"		Cap screws, grade 8, 3/8" - 16 x 1"	
		Range	Average	Range	Average
1976:	:	:	:	:	:
January-March-----:	15.90- 30.00	: 21.74	: 21.28- 44.80	: 31.07	
April-June-----:	15.90- 27.00	: 21.75	: 21.28- 44.68	: 30.61	
July-September-----:	15.87- 27.30	: 22.05	: 21.28- 40.32	: 29.24	
October-December-----:	15.90- 27.30	: 21.88	: 21.28- 43.80	: 30.91	
1977:	:	:	:	:	:
January-March-----:	15.90- 27.30	: 21.64	: 21.28- 44.63	: 30.51	
April-June-----:	15.90- 31.57	: 20.53	: 21.28- 37.45	: 29.78	
July-September-----:	15.90- 22.86	: 19.88	: 22.34- 34.20	: 29.74	
October-December-----:	15.90- 24.00	: 19.85	: 22.34- 36.76	: 30.35	
1978:	:	:	:	:	:
January-March-----:	15.90- 24.00	: 21.92	: 28.45- 40.32	: 32.96	
April-June-----:	15.90- 25.02	: 21.38	: 30.15- 43.74	: 34.07	
1978:	:	:	:	:	:
July-----:	17.58- 58.21	: 23.66	: 31.36- 42.50	: 35.96	
August-----:	17.58- 38.21	: 23.36	: 31.36- 42.51	: 35.96	
September-----:	17.58- 38.21	: 23.73	: 31.36- 42.51	: 37.68	
October-----:	17.58- 38.21	: 24.54	: 31.36- 42.51	: 37.14	
November-----:	17.58- 38.21	: 24.69	: 31.36- 42.82	: 38.09	
December-----:	17.58- 38.21	: 24.69	: 31.36- 42.87	: 37.96	
1979:	:	:	:	:	:
January-----:	19.43- 38.76	: 25.68	: 31.36- 42.25	: 38.53	
February-----:	19.43- 38.76	: 25.86	: 31.36- 43.27	: 38.70	
March-----:	19.43- 38.76	: 26.12	: 31.36- 43.27	: 38.70	
April-----:	22.24- 41.09	: 27.14	: 27.73- 55.39	: 40.29	
May-----:	22.24- 41.09	: 27.06	: 27.73- 55.39	: 41.04	
June-----:	22.24- 41.09	: 27.29	: 27.73- 67.50	: 41.68	
July-----:	22.24- 41.09	: 27.65	: 29.60- 55.39	: 41.98	
August-----:	22.24- 41.09	: 27.67	: 29.60- 57.12	: 41.09	
September-----:	22.24- 41.09	: 27.72	: 29.60- 57.12	: 41.35	
October-----:	22.24- 41.09	: 28.16	: 30.80- 45.41	: 39.36	
November-----:	22.24- 41.09	: 28.19	: 30.80- 46.80	: 40.88	
December-----:	22.24- 41.09	: 28.55	: 30.80- 46.74	: 40.87	
1980:	:	:	:	:	:
January-----:	22.24- 41.09	: 27.35	: 28.10- 45.41	: 37.48	
February-----:	22.24- 41.09	: 27.58	: 28.10- 45.41	: 36.71	
March-----:	22.24- 41.09	: 27.40	: 28.10- 45.41	: 37.10	

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 8.--Bolts, nuts, and large screws: Ranges and averages of lowest net selling prices received by U.S. producers to distributors, by specified periods, January 1976-March 1980

		(Per 1,000 pieces)			
		Domestic price			
Period	:	Hexagon nuts, 1/4" - 20		Hexagon nuts, 1/2" - 13	
		Range	Average	Range	Average
	:	:	:	:	:
1976:		:	:	:	:
January-March-----:	:	2.69-	8.81	5.66	17.60- 33.42
April-June-----:	:	2.69-	8.80	5.66	17.60- 33.02
July-September-----:	:	2.63-	9.78	5.85	17.60- 36.93
October-December-----:	:	2.63-	9.83	5.85	17.60- 28.40
1977:		:	:	:	:
January-March-----:	:	2.59-	8.82	5.72	17.60- 32.88
April-June-----:	:	2.59-	8.70	5.64	17.60- 32.98
July-September-----:	:	3.06-	8.59	6.33	18.48- 29.68
October-December-----:	:	3.40-	8.76	6.45	18.48- 31.67
1978:		:	:	:	:
January-March-----:	:	3.75-	9.00	6.50	18.48- 34.02
April-June-----:	:	4.00-	9.90	6.58	18.48- 37.26
1979:		:	:	:	:
July-----:	:	4.03-	11.31	7.66	19.44- 37.80
August-----:	:	4.03-	9.90	7.31	19.44- 37.80
September-----:	:	4.03-	9.90	7.49	19.44- 37.80
October-----:	:	4.03-	9.90	7.51	19.44- 37.80
November-----:	:	4.03-	12.27	7.84	19.44- 37.26
December-----:	:	4.03-	9.90	7.55	19.44- 37.26
1980:		:	:	:	:
January-----:	:	4.20-	9.90	7.62	21.97- 37.26
February-----:	:	4.20-	10.98	7.93	21.97- 41.04
March-----:	:	4.20-	6.98	7.91	21.97- 41.04
April-----:	:	4.21-	10.98	8.48	24.90- 41.04
May-----:	:	4.25-	10.98	8.44	24.90- 41.04
June-----:	:	4.27-	10.98	8.26	24.90- 41.04
July-----:	:	7.52-	10.98	9.05	24.90- 41.04
August-----:	:	7.52-	10.98	9.28	24.90- 41.04
September-----:	:	7.52-	10.98	9.24	24.90- 41.04
October-----:	:	4.30-	10.98	8.69	24.90- 41.04
November-----:	:	4.30-	10.98	8.43	26.40- 41.04
December-----:	:	4.31-	10.98	8.80	26.40- 41.04

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

Table 9.--Bolts, nuts, and large screws: Ranges and averages of lowest net selling prices received by U.S. producers on sales to distributors, by specified periods, January 1976-March 1980

(Per 1,000 pieces)

Period	Domestic price			
	Structural bolts, A325 with nut, 3/4" x 2"		Carriage bolts, 3/8" x 3"	
	Range	Average	Range	Average
1976:	:	:	:	:
January-March-----	189.43- 352.90	289.66	33.40- 74.40	49.46
April-June-----	194.95- 357.00	308.26	33.40- 66.96	48.78
July-September-----	199.30- 357.00	293.23	33.40- 66.96	50.55
October-December-----	162.55- 339.20	272.34	33.40- 66.96	50.70
1977:	:	:	:	:
January-March-----	215.00- 339.20	281.75	33.40- 55.80	47.78
April-June-----	215.00- 339.20	282.92	33.40- 65.10	45.99
July-September-----	215.00- 321.31	283.11	33.40- 55.80	43.57
October-December-----	215.00- 321.30	278.76	33.40- 59.52	44.53
1978:	:	:	:	:
January-March-----	216.41- 343.80	299.46	33.40- 59.52	44.68
April-June-----	246.89- 343.80	314.20	37.40- 59.52	45.90
1978:	:	:	:	:
July-----	249.35- 343.80	314.61	37.40- 44.70	58.94
August-----	149.35- 343.80	316.42	42.72-144.70	58.98
September-----	249.35- 343.80	313.63	37.40-144.70	59.24
October-----	249.35- 343.80	317.18	37.40-149.14	59.86
November-----	249.35- 343.80	324.17	37.40-149.14	62.11
December-----	249.35- 343.80	319.99	37.40-149.14	60.80
1979:	:	:	:	:
January-----	249.35- 343.80	318.63	48.06-149.14	66.11
February-----	249.35- 388.50	330.08	48.06-149.14	66.49
March-----	249.35- 388.50	328.90	49.46-149.14	67.29
April-----	266.72- 388.50	345.94	45.64-149.96	68.89
May-----	266.72- 420.00	351.68	49.87-149.96	69.49
June-----	266.72- 420.00	346.57	49.98-149.96	69.89
July-----	101.55- 388.50	345.17	50.20-149.96	73.21
August-----	106.65- 388.50	351.29	48.98-149.96	69.75
September-----	106.65- 388.50	343.90	50.20-149.96	70.07
October-----	106.65- 388.50	311.29	48.99-149.96	72.47
November-----	106.65- 388.50	311.98	50.20-149.96	73.07
December-----	106.65- 390.42	313.91	50.20-149.96	74.24
1980:	:	:	:	:
January-----	106.65- 388.50	307.54	50.20-156.65	72.22
February-----	106.65- 388.50	310.61	50.20-156.65	75.20
March-----	106.65- 393.66	312.67	48.63-156.65	71.40

Source: Compiled from data submitted in response to questionnaires of the U.S. International Trade Commission.

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