

## 2025美国紧固件进口： 动荡贸易环境下的采购转变

# U.S. Fastener Imports in 2025: Shifting Sourcing in a Volatile Trade Environment

*Data note: The data for this article is derived from the US Census trade statistics. US Census trade statistics analyze imports across all modes of transportation. The value is calculated in CIF USD. HS Code 7318 is defined as screws, bolts, nuts, coach screws, screw hooks, rivets, cotter pins, washers, and similar articles of iron or steel. This article focuses on all the subcategories of 7318 including 731811, 731812, 731813, 731814, 731815, 731816, 731819, 731821, 731822, 731823, 731824, and 731829.*

In 2025, the U.S. fastener market has continued to navigate a complex and evolving trade landscape shaped by tariffs, supply-chain recalibration, and shifting sourcing strategies. During the first three quarters of the year, U.S. imports of iron and steel fasteners under HS 7318 totaled just over 5 billion USD, representing a 5.6% decline compared to the same period in 2024. While overall import values softened, supplier dynamics remained highly competitive, with Taiwan emerging as the United States' top trading partner for fasteners by value. Against a backdrop of ongoing trade policy uncertainty, cost pressures, and efforts by U.S. buyers to balance reliability with diversification, 2025 has underscored how sensitive the fastener supply chain remains to both economic and geopolitical forces.

### U.S. Fastener Imports by Trading Partner and Product Category

Taiwan maintained its position as the United States' largest fastener trading partner throughout the first three quarters of 2025, accounting for approximately 32% of total import value under HS 7318. China followed at 18%, with Japan (9%), Germany (5%),

Table 1. U.S. Monthly Fastener Imports by Country in 2025

Country of Origin	2025 - JAN		2025 - FEB		2025 - MAR		2025 - APR		2025 - MAY		2025 - JUN	
	General Total Value CIF (USD)	%										
TAIWAN	197,373,407	31.64	182,414,855	32.92	204,953,625	33.79	176,824,874	31.97	173,119,097	31.05	169,505,337	33.24
CHINA	134,967,738	21.64	105,639,356	19.06	95,995,652	15.83	92,240,527	16.68	102,634,416	18.41	87,710,840	17.20
JAPAN	57,533,595	9.23	41,956,498	7.57	60,646,271	10.00	56,626,377	10.24	51,861,469	9.31	45,726,653	8.97
GERMANY	24,718,136	3.97	28,591,024	5.16	29,303,267	4.84	27,216,246	4.93	29,028,424	5.21	27,473,356	5.39
CANADA	37,553,864	6.02	31,620,800	5.71	29,867,342	4.93	29,613,879	5.36	30,063,517	5.40	23,837,395	4.68
ITALY	21,796,035	3.50	24,038,799	4.34	25,680,939	4.24	28,040,920	5.07	24,535,197	4.41	25,017,372	4.91
S. KOREA	25,477,463	4.09	24,093,251	4.35	29,250,875	4.83	25,912,787	4.69	27,919,043	5.01	23,183,429	4.55
INDIA	25,704,245	4.13	22,747,579	4.11	29,281,080	4.83	24,811,539	4.49	29,910,808	5.37	22,416,291	4.40
MEXICO	20,278,674	3.26	19,688,519	3.56	19,740,683	3.26	15,379,006	2.79	16,320,290	2.93	12,526,852	2.46
THAILAND	10,070,875	1.62	7,015,258	1.27	9,940,164	1.64	10,777,814	1.95	9,915,720	1.78	9,039,144	1.78
<b>Total</b>	<b>623,821,384</b>	<b>100</b>	<b>554,273,411</b>	<b>100</b>	<b>606,615,861</b>	<b>100</b>	<b>553,149,990</b>	<b>100</b>	<b>557,616,356</b>	<b>100</b>	<b>510,078,984</b>	<b>100</b>



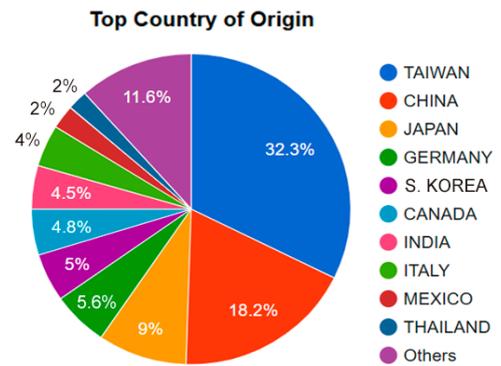
**Table 1. (Continuing) U.S. Monthly Fastener Imports by Country in 2025**

Country of Origin	2025 - JUL		2025 - AUG		2025 - SEP	
	General Total Value CIF (USD)	%	General Total Value CIF (USD)	%	General Total Value CIF (USD)	%
TAIWAN	182,086,793	32.55	166,310,908	31.36	171,379,504	33.02
CHINA	104,906,477	18.76	97,983,903	18.48	90,029,883	17.35
JAPAN	50,622,049	9.05	51,105,484	9.64	43,583,848	8.40
GERMANY	27,880,484	4.99	32,287,416	6.09	31,214,015	6.02
CANADA	25,779,055	4.61	24,256,048	4.58	26,440,852	5.10
ITALY	24,592,270	4.40	21,582,635	4.07	23,640,486	4.56
S. KOREA	28,525,732	5.10	28,766,761	5.43	23,312,787	4.50
INDIA	26,048,595	4.66	24,276,743	4.58	22,745,568	4.39
MEXICO	14,458,587	2.59	13,065,467	2.47	12,253,026	2.37
THAILAND	9,567,070	1.71	11,624,836	2.20	11,682,210	2.26
<b>Total</b>	<b>559,500,450</b>	<b>100</b>	<b>530,471,821</b>	<b>100</b>	<b>519,057,762</b>	<b>100</b>

and South Korea (5%) rounding out the top suppliers. While Taiwan’s share of U.S. fastener imports remained remarkably stable on a month-to-month basis during the first nine months of the year, China’s share declined noticeably, falling from 22% in January 2025 to 16% by March, before stabilizing in a narrower 16%–18% range through the remainder of the period. This shift aligns with the continued impact of elevated U.S. tariffs on Chinese-origin fasteners, imposed under Section 301 trade measures, which have significantly increased landed costs for Chinese suppliers. By contrast, fasteners imported from Taiwan generally enter the U.S. under lower duty rates, preserving Taiwan’s cost competitiveness despite broader trade volatility. In terms of monthly activity, January 2025 marked the highest import value at US\$623 million, with March close behind at US\$606 million, while June recorded the lowest monthly total at US\$510 million.

**Table 2. U.S. Quarterly Fastener Imports by Country in Q1-3 2025**

Country of Origin	2025 - Q1		2025 - Q2		2025 - Q3	
	General Total Value CIF (USD)	%	General Total Value CIF (USD)	%	General Total Value CIF (USD)	%
TAIWAN	584,741,887	32.77	519,449,308	32.05	519,777,205	32.31
CHINA	336,602,746	18.87	282,585,783	17.44	292,920,263	18.21
JAPAN	160,136,364	8.98	154,214,499	9.52	145,311,381	9.04
GERMANY	82,612,427	4.63	83,718,026	5.17	91,381,915	5.68
S. KOREA	78,821,589	4.42	77,015,259	4.76	80,605,280	5.01
CANADA	99,042,006	5.55	83,514,791	5.16	76,475,955	4.76
INDIA	77,732,904	4.36	77,138,638	4.76	73,070,906	4.55
ITALY	71,515,773	4.01	77,593,489	4.79	69,815,391	4.34
MEXICO	59,707,876	3.35	44,226,148	2.73	39,777,080	2.48
THAILAND	27,026,297	1.52	29,732,678	1.84	32,874,116	2.05
<b>Total</b>	<b>1,784,710,656</b>	<b>100</b>	<b>1,620,845,330</b>	<b>100</b>	<b>1,609,030,033</b>	<b>100</b>



Overall, U.S. fastener imports declined quarter over quarter during the first three quarters of 2025. Import value totaled US\$1.78 billion in Q1, decreased to US\$1.62 billion in Q2, and slipped further to US\$1.60 billion in Q3, reflecting softer demand, inventory adjustments, and ongoing trade uncertainty. Despite this contraction, the product mix remained highly consistent. The dominant subcategory was HS 731815 (threaded screws and bolts), which accounted for 44% of total import value, followed by HS 731816 (threaded nuts of iron or steel) at 22%, and HS 731814 (self-tapping screws) at 18%. Imports across these subcategories showed little volatility both month over month and quarter over quarter, highlighting steady underlying demand from core industrial and manufacturing sectors even as overall import values declined.

**Table 3. U.S. Fastener Imports by Category in Q1-3 2025**

HS Code (6)	2025 - Q1		2025 - Q2		2025 - Q3	
	General Total Value CIF (USD)	%	General Total Value CIF (USD)	%	General Total Value CIF (USD)	%
731815 - Threaded Screws and Bolts Others, With or Without Their Nuts or Washers, of Iron or Steel	791,262,279	44.34	714,040,582	44.06	705,384,506	43.84
731816 - Nuts, Threaded, of Iron or Steel	375,009,553	21.02	349,883,547	21.59	358,991,413	22.32
731814 - Self-Tapping Screws, Threaded, of Iron or Steel	323,152,541	18.11	284,409,954	17.55	290,058,019	18.03
731829 - Nonthreaded Articles (Fasteners) Others, of Iron or Steel	95,710,990	5.37	90,394,448	5.58	81,669,794	5.08
731822 - Washers, Other Than Lock Washers, of Iron or Steel	83,397,429	4.68	72,292,428	4.47	67,249,547	4.18
731819 - Threaded Articles of Iron or Steel Others	41,564,807	2.33	40,652,687	2.51	37,231,599	2.32
731821 - Spring Washers and Other Lock Washers, of Iron or Steel	21,640,966	1.22	20,236,824	1.25	21,515,365	1.34
731824 - Cotters and Cotter Pins, of Iron or Steel	18,399,300	1.04	19,871,943	1.23	16,764,151	1.05
731823 - Rivets of Iron or Steel	17,271,598	0.97	13,060,752	0.81	14,107,403	0.88
731812 - Wood Screws Other Than Coach Screws, Threaded, of Iron or Steel	7,010,306	0.40	7,230,764	0.45	6,103,906	0.38
<b>Total</b>	<b>1,784,710,656</b>	<b>100</b>	<b>1,620,845,330</b>	<b>100</b>	<b>1,609,030,033</b>	<b>100</b>



From a logistics standpoint, U.S. fastener imports continued to be concentrated in the Chicago, Illinois, customs district, followed by Los Angeles, California, reflecting long-established supply-chain efficiencies rather than short-term trade shifts. Los Angeles remains the primary West Coast gateway for trans-Pacific shipments, serving as the initial point of entry for large volumes of fasteners originating from Taiwan and China. **The Chicago district, by contrast, functions as a critical inland distribution and manufacturing hub, benefiting from its central geographic location, extensive rail and intermodal infrastructure, and proximity to major end-use industries including automotive, industrial machinery, and equipment manufacturing.** Many importers and distributors warehouse and redistribute fasteners through the Midwest to reduce transit times and transportation costs when serving customers across the eastern and central United States, reinforcing Chicago's role as a cornerstone of the U.S. fastener supply chain.

**Table 4. U.S. Fastener Imports by Port in Q1-3 2025**

District of Entry	2025 - Q1		2025 - Q2		2025 - Q3	
	General Total Value CIF (USD)	%	General Total Value CIF (USD)	%	General Total Value CIF (USD)	%
Chicago, IL	267,445,182	14.99	245,097,084	15.13	236,415,674	14.70
Los Angeles, CA	238,481,561	13.37	202,054,953	12.47	211,264,422	13.13
New York City, NY	162,119,418	9.09	145,233,276	8.97	147,819,310	9.19
Detroit, MI	133,283,083	7.47	124,543,110	7.69	119,244,890	7.42
Cleveland, OH	125,444,225	7.03	126,889,650	7.83	114,490,576	7.12
Savannah, GA	120,436,040	6.75	106,973,265	6.60	113,096,435	7.03
Houston-Galveston, TX	105,959,567	5.94	107,749,641	6.65	106,233,739	6.61
Charleston, SC	50,294,829	2.82	49,719,202	3.07	65,632,816	4.08
New Orleans, LA	75,019,671	4.21	70,210,002	4.34	60,634,036	3.77
Dallas-Fort Worth, TX	49,698,460	2.79	49,217,076	3.04	45,538,422	2.84
<b>Total</b>	<b>1,784,710,656</b>	<b>100</b>	<b>1,620,845,330</b>	<b>100</b>	<b>1,609,030,033</b>	<b>100</b>

## How 2025 Compares: Fastener Import Trends Over Recent Years

Compared with the same period in 2024, **the first three quarters of 2025 recorded an overall decline of 5.6% in U.S. fastener imports by value. The steepest declines were concentrated in select product categories including HS 731829 (non-threaded fasteners), HS 731823 (rivets), and HS 731812 (wood screws) each posting declines of more than 16% year over year.** While HS 731815 (threaded screws and bolts), HS 731816 (threaded nuts), and HS 731814 (self-tapping screws) remained the top imported fastener categories in both 2024 and 2025, the combined import value of these leading subcategories fell by an average of 5.3% during the first three quarters of 2025. This pattern suggests that **the overall slowdown was driven more by demand softening and cost pressures than by a fundamental shift in product preference.**

Looking across a longer time horizon, trends since 2021 highlight both resilience and adjustment within the U.S. fastener market. Imports of HS 731815 increased by 4% when comparing the first three quarters of 2021 to the same period in 2025, reflecting sustained demand for core industrial fasteners. Imports of HS 731816 also posted a modest net increase over the same timeframe, though volumes remained largely stable. By contrast, HS 731814 experienced a gradual decline, decreasing from 21% of total import value in 2021 to 18% in 2025. Total U.S. fastener imports rose from US\$4.81 billion during the first three quarters of 2021 to US\$5.01 billion in 2025, despite notable volatility in the intervening years. The most pronounced peak occurred in 2022, when imports surged to US\$6.4 billion, marking the highest level observed over the past five years amid post-pandemic restocking and elevated industrial demand.

**Table 5. U.S. Q1-3 Fastener Imports in 2021-2025 by Country**

Country of Origin	01/01/2021 - 09/30/2021		01/01/2022 - 09/30/2022		01/01/2023 - 09/30/2023		01/01/2024 - 09/30/2024		01/01/2025 - 09/30/2025	
	General Total Value CIF (USD)	%								
TAIWAN	1,830,204,687	38.04	2,535,285,154	39.47	1,796,956,966	35.48	1,772,397,451	33.35	1,623,968,400	32.39
CHINA	866,328,896	18.01	1,429,264,508	22.25	892,126,271	17.62	991,050,613	18.65	912,108,792	18.19
JAPAN	513,384,673	10.67	462,289,178	7.20	422,500,145	8.35	496,146,833	9.34	459,662,244	9.17
CANADA	246,816,994	5.13	289,488,918	4.51	312,602,353	6.18	316,221,222	5.95	259,032,752	5.17
GERMANY	293,245,747	6.10	288,466,922	4.50	298,250,173	5.89	306,890,966	5.78	257,712,368	5.14
S. KOREA	178,331,111	3.71	230,181,445	3.59	214,730,912	4.24	233,521,328	4.40	236,442,128	4.72
INDIA	141,682,255	2.95	210,716,823	3.29	160,193,621	3.17	186,100,237	3.51	227,942,448	4.55
ITALY	136,054,910	2.83	151,695,098	2.37	175,888,798	3.48	201,216,190	3.79	218,924,653	4.37
MEXICO	100,604,325	2.10	127,241,918	1.99	141,183,951	2.79	147,295,879	2.78	143,711,104	2.87
THAILAND	67,361,832	1.40	131,992,308	2.06	73,592,910	1.46	66,463,158	1.26	89,633,091	1.79
<b>Total</b>	<b>4,811,695,769</b>	<b>100</b>	<b>6,423,742,029</b>	<b>100</b>	<b>5,065,872,267</b>	<b>100</b>	<b>5,314,921,989</b>	<b>100</b>	<b>5,014,586,019</b>	<b>100</b>



On the supplier side, Taiwan has consistently remained the largest source of fastener imports into the United States, though its share has gradually declined over time. Taiwan accounted for approximately 38% of import value in 2021 and 39% in 2022, compared with 33% in 2025, reflecting both diversification efforts by U.S. buyers and increased competition from alternative sourcing markets. Over the same five-year period, countries including South Korea, India, and Italy recorded measurable gains in import share during the first three quarters of each year. While these suppliers remain smaller in absolute terms, their growth showcases a broader trend toward incremental sourcing diversification as importers seek to balance cost, reliability, and trade-policy risk in an evolving global environment.

**Table 6. U.S. Q1-3 Fastener Imports in 2021-2025 by Category**

HS Code (6)	01/01/2021 - 09/30/2021		01/01/2022 - 09/30/2022		01/01/2023 - 09/30/2023		01/01/2024 - 09/30/2024		01/01/2025 - 09/30/2025	
	General Total Value CIF (USD)	%								
731815 - Threaded Screws and Bolts Others, With or Without Their Nuts or Washers, of Iron or Steel	1,960,296,586	40.75	2,716,627,245	42.30	2,179,988,537	43.04	2,274,606,147	42.80	2,210,687,367	44.09
731816 - Nuts, Threaded, of Iron or Steel	998,032,777	20.75	1,339,926,435	20.86	1,033,913,427	20.41	1,144,123,072	21.53	1,083,884,513	21.62
731814 - Self-Tapping Screws, Threaded, of Iron or Steel	1,009,743,853	20.99	1,254,276,013	19.53	961,768,263	18.99	973,982,178	18.33	897,620,514	17.91
731829 - Nonthreaded Articles (Fasteners) Others, of Iron or Steel	291,344,642	6.06	354,797,136	5.53	314,613,443	6.22	321,737,996	6.06	267,775,232	5.34
731822 - Washers, Other Than Lock Washers, of Iron or Steel	231,562,255	4.82	327,616,906	5.11	229,995,295	4.55	256,548,348	4.83	222,939,404	4.45
731819 - Threaded Articles of Iron or Steel Others	88,769,909	1.85	136,301,648	2.13	118,773,822	2.35	117,975,364	2.22	119,449,093	2.39
731821 - Spring Washers and Other Lock Washers, of Iron or Steel	58,726,349	1.23	71,953,767	1.13	58,305,237	1.16	61,261,123	1.16	63,393,155	1.27
731824 - Cotters and Cotter Pins, of Iron or Steel	51,715,908	1.08	61,398,893	0.96	53,948,702	1.07	59,318,770	1.12	55,035,394	1.10
731823 - Rivets of Iron or Steel	58,355,097	1.22	76,110,701	1.19	58,107,487	1.15	53,113,542	1.00	44,439,753	0.89
731812 - Wood Screws Other Than Coach Screws, Threaded, of Iron or Steel	29,970,035	0.63	37,099,501	0.58	28,789,666	0.57	24,243,696	0.46	20,344,976	0.41
<b>Total</b>	<b>4,811,695,769</b>	<b>100</b>	<b>6,423,742,029</b>	<b>100</b>	<b>5,065,872,267</b>	<b>100</b>	<b>5,314,921,989</b>	<b>100</b>	<b>5,014,586,019</b>	<b>100</b>

Taken together, U.S. fastener import trends through the first three quarters of 2025 reflect a market in transition rather than contraction. **While total import values declined modestly year over year, underlying demand for core fastener categories remained stable, and long-term import levels continue to sit above pre-2022 norms.** Taiwan's sustained leadership as the top trading partner highlights the importance of reliable, tariff-advantaged supply chains, even as its share gradually declines amid broader sourcing diversification. At the same time, elevated tariffs on Chinese-origin fasteners, shifting cost structures, and ongoing trade policy uncertainty have continued to influence supplier dynamics and purchasing behavior. As U.S. importers balance cost, risk, and resilience, the data from 2025 underscores a fastener market shaped less by abrupt disruption and more by deliberate adjustment, one likely to carry forward into 2026 and beyond. ■

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