

# Fastening Tools Trade Statistics of USA/EU/ Taiwan/Japan/Brazil in 2023

## 2023美歐台日巴緊固工具進出口統計分析

The amount of fasteners imported and exported often implies the strength of the demand of various industries. The more prosperous the industry is, the greater the demand for fasteners will be, and this will indirectly increase the demand for fastening tools for fasteners. Therefore, by analyzing the latest import and export data from major fastening tool exporting and importing countries, we may be able to see the latest fluctuations in the global demand for fastening tools, and further predict the next changes in the industry's demand. In addition, hardware and tools related exhibitions around the world are ready to welcome professionals from various industries in 2024, showing that the development potential of the tools market is still a major concern for the industry.

In this article, we will analyze the import and export performance of fastening tools (HS codes: 8204, 8205, 8207) from the US, EU, Taiwan, Japan and Brazil in 2023 and the increase/decrease in comparison with the data in 2022, so as to enable readers to understand the trend change of the major categories of fastening tools in certain regions. (Note: The U.S. Department of Commerce only published import and export values, so the weight data are not available).



### USA

In 2023, the U.S. imported US\$2.956 billion of Interchangeable Tools for Hand Tools Or Machine Tools (HS 8207), US\$1.372 billion of Hand Tools, Blow Torches, Anvils (HS 8205), and US\$747 million of Hand-Operated Spanners & Wrenches (HS 8204), down 6%, 13.15% and 13.49% respectively from the same period in 2022; the U.S. exported about US\$2.047 billion Interchangeable Tools for Hand Tools Or Machine Tools (HS 8207), US\$624 million for Hand Tools, Blow Torches, Anvils (HS 8205) and US\$316 million for Hand-Operated Spanners & Wrenches (HS 8204), decreasing by 6.7%, increasing by 0.81% and increasing by 12.90%, respectively, from the same period in 2022.

In terms of the import of HS 8204, the top 3 import sources were Taiwan, China and Vietnam. Among the top 10 import sources, the largest decrease was

recorded in India (-19.55%), while the largest increase was recorded in Canada (48.7%); the top 3 export destinations were Canada, Mexico and Japan. Among the top 10 export destinations, the largest decrease was in Australia (-13.58%) and the largest increase was in Saudi Arabia (100%).

In terms of the import of HS 8205, the top 3 import sources were China, Taiwan and Mexico. Among the top 10 import sources, the largest decrease was Japan (-29.01%) and the largest increase was Mexico (11.3%); the top 3 export destinations were Canada, Mexico and the UK. Among the top 10 export destinations, the largest decrease was China (-19.67%) and the largest increase was the Netherlands (36.96%).

In terms of the import of HS 8207, the top 3 import sources were China, Germany and Japan. Among the top 10 import sources, the largest decrease was China (-24%) and the largest increase was S. Korea (23%); the top 3 export destinations were Mexico, Canada and Germany. Among the top 10 export destinations, the largest decrease was the Netherlands (-87.51%) and the largest increase was Mexico (30.06%).



USA

(in Million USD), in descending order according to values of 2023

▲ Import

HS 8204 Hand-Operated Spanners & Wrenches				
Rank	Partner	2022	2023	Same Period Change
	World	864	747	-13.49%
1	Taiwan	410	349	-14.95%
2	China	253	210	-17.00%
3	Vietnam	47	47	0.01%
4	India	54	43	-19.55%
5	Germany	35	31	-11.69%
6	Spain	13	12	-1.42%
7	Mexico	13	12	-8.40%
8	Czech	8	9	13.15%
9	Japan	5	5	-0.57%
10	Canada	3	4	48.70%

▲ Export

HS 8204 Hand-Operated Spanners & Wrenches				
Rank	Partner	2022	2023	Same Period Change
	World	279	316	12.90%
1	Canada	86	103	19.24%
2	Mexico	25	36	47.10%
3	Japan	17	16	-8.05%
4	UK	16	16	-1.85%
5	Australia	17	14	-13.58%
6	Germany	13	13	0.98%
7	Singapore	7	7	2.87%
8	Belgium	5	7	41.90%
9	Saudi Arabia	3	7	100.00%
10	China	7	7	-8.26%

HS 8205 Hand Tools, Blow Torches, Anvils				
Rank	Partner	2022	2023	Same Period Change
	World	1580	1372	-13.15%
1	China	679	568	-16.38%
2	Taiwan	417	325	-22.23%
3	Mexico	70	78	11.30%
4	India	73	67	-7.10%
5	Vietnam	52	52	0.77%
6	Germany	49	48	-1.61%
7	Canada	42	42	1.17%
8	Japan	30	21	-29.01%
9	Austria	21	19	-10.25%
10	France	17	17	3.36%

HS 8205 Hand Tools, Blow Torches, Anvils				
Rank	Partner	2022	2023	Same Period Change
	World	619	624	0.81%
1	Canada	204	205	0.40%
2	Mexico	63	76	19.08%
3	UK	36	32	-11.71%
4	Germany	25	28	11.27%
5	Australia	27	26	-2.93%
6	Japan	15	16	6.59%
7	France	13	14	4.37%
8	Netherlands	10	14	36.96%
9	China	17	13	-19.67%
10	Saudi Arabia	7	9	31.12%

HS 8207 Interchangeable Tools for Hand Tools Or Machine Tools				
Rank	Partner	2022	2023	Same Period Change
	World	3147	2956	-6%
1	China	676	511	-24%
2	Germany	461	463	0%
3	Japan	459	419	-9%
4	S. Korea	229	282	23%
5	Canada	279	228	-18%
6	Taiwan	161	137	-15%
7	Mexico	102	105	2%
8	Italy	125	102	-18%
9	India	66	76	15%
10	Brazil	59	67	13%

HS 8207 Interchangeable Tools for Hand Tools Or Machine Tools				
Rank	Partner	2022	2023	Same Period Change
	World	2194	2047	-6.70%
1	Mexico	437	569	30.06%
2	Canada	574	564	-1.68%
3	Germany	66	64	-3.04%
4	UK	56	61	8.58%
5	Saudi Arabia	58	57	-1.85%
6	China	60	53	-11.07%
7	Brazil	39	44	12.85%
8	Australia	46	42	-9.75%
9	Netherlands	258	32	-87.51%
10	UAE	29	30	5.90%

Source: U.S. ITA of Department of Commerce



EU

In 2023, the EU imported about 145,000 tons of Hand Tools, Blow Torches, Anvils (HS 8205), 139,000 tons of Interchangeable Tools for Hand Tools Or Machine Tools (HS 8207), and 70,000 tons of Hand-Operated Spanners & Wrenches (HS 8204), down 23%, 5%, and 18%, respectively, from the same period in 2022; the EU exported about 82 thousand tons of Interchangeable Tools for Hand Tools Or Machine Tools (HS 8207), 29 thousand tons of Hand Tools, Blow Torches, Anvils, and other materials (HS 8205), and 10 thousand tons of Hand-Operated Spanners & Wrenches (HS 8204), representing decreases of 10%, 7%, and 7% from the same period in 2022, respectively.

In terms of the import of HS 8204 (by weight), the top 3 import sources were China, Taiwan and India. Among the top 10 import sources, Hong Kong experienced the largest decrease (-49%), while S. Korea experienced the largest increase (22%); the top 3 export destinations were the USA, the UK and Switzerland. Among the top 10 export destinations, the largest decrease was Belarus (-15%) and the largest increase was Ukraine (34%).

In terms of the import of HS 8205 (by weight), the top 3 import sources were China, Taiwan and India. Among the top 10 import sources, the largest decrease was Vietnam (-37%) and the largest increase was Hong Kong (4%); the top 3 export destinations were the UK, the U.S. and Switzerland. Among the top 10 export destinations, the largest decrease was Russia (-25%) and the largest increase was Turkey and Ukraine (36%).

In terms of the import of HS 8207 (by weight), the top 3 import sources were China, S. Korea and Turkey. Among the top 10 import sources, the largest decrease was Taiwan (-36%) and the largest increase was the UK (47%); the top 3 export destinations were the U.S., Switzerland and the UK. Among the top 10 export destinations, the largest decrease was the UK (-25%) and the largest increase was Mexico (13%).

## EU

(in EURO), in descending order according to weight of 2023

## ▲ Import

HS 8204 Hand-Operated Spanners & Wrenches							
	Indicators	Import Value to the EU/MS (Euro)	Import Value to the EU/MS (Euro)	Same Period Change (Euro)	Import Qty to the EU/MS (Kg)	Import Qty to the EU/MS (Kg)	Same Period Change (Kg)
	Years	2022	2023		2022	2023	
Rank	Total non-EU	715,327,794	585,467,164	-18%	84,948,658	70,026,024	-18%
1	China	278,785,163	215,163,854	-23%	47,587,794	41,698,349	-12%
2	Taiwan	297,041,549	242,010,457	-19%	23,377,563	17,579,869	-25%
3	India	49,778,295	33,673,819	-32%	10,826,551	7,629,901	-30%
4	Turkey	9,393,637	11,532,176	23%	1,000,710	1,189,244	19%
5	USA	30,229,038	31,833,810	5%	591,646	551,849	-7%
6	UK	21,496,118	22,020,821	2%	561,652	534,219	-5%
7	Japan	9,325,262	8,862,559	-5%	308,177	277,560	-10%
8	Switzerland	10,790,448	12,480,337	16%	221,521	253,127	14%
9	S. Korea	545,494	1,146,090	110%	69,172	84,678	22%
10	Hong Kong	663,111	345,422	-48%	88,440	44,855	-49%

HS 8205 Hand Tools, Blow Torches, Anvils							
	Indicators	Import Value to the EU/MS (Euro)	Import Value to the EU/MS (Euro)	Same Period Change (Euro)	Import Qty to the EU/MS (Kg)	Import Qty to the EU/MS (Kg)	Same Period Change (Kg)
	Years	2022	2023		2022	2023	
Rank	Total non-EU	1,397,835,680	1,102,048,559	-21%	188,460,628	145,552,368	-23%
1	China	880,422,033	642,249,347	-27%	152,870,811	118,778,969	-22%
2	Taiwan	171,936,429	123,274,404	-28%	13,431,201	9,725,466	-28%
3	India	34,229,708	26,611,107	-22%	8,689,271	5,982,712	-31%
4	Turkey	14,412,544	15,160,105	5%	2,473,425	2,190,633	-11%
5	USA	95,698,207	97,799,845	2%	3,061,610	2,041,048	-33%
6	UK	57,326,441	54,537,881	-5%	2,220,987	1,935,183	-13%
7	Switzerland	53,123,249	51,258,442	-4%	941,541	840,558	-11%
8	Hong Kong	4,670,146	4,470,170	-4%	400,345	414,881	4%
9	Vietnam	3,323,893	2,342,987	-30%	463,547	292,584	-37%
10	Norway	6,727,663	6,502,721	-3%	363,919	285,272	-22%

HS 8207 Interchangeable Tools for Hand Tools Or Machine Tools							
	Indicators	Import Value to the EU/MS (Euro)	Import Value to the EU/MS (Euro)	Same Period Change (Euro)	Import Qty to the EU/MS (Kg)	Import Qty to the EU/MS (Kg)	Same Period Change (Kg)
	Years	2022	2023		2022	2023	
Rank	Total non-EU	2,909,101,455	2,786,700,357	-4%	146,283,301	139,051,575	-5%
1	China	1,153,118,773	1,062,040,786	-8%	96,949,393	92,567,882	-5%
2	S. Korea	192,861,577	186,943,444	-3%	11,159,011	10,919,780	-2%
3	Turkey	85,334,043	85,904,159	1%	9,859,860	10,149,342	3%
4	UK	121,707,568	114,342,776	-6%	4,546,463	6,688,938	47%
5	Switzerland	440,701,478	481,878,912	9%	3,514,079	3,552,304	1%
6	USA	238,735,458	239,738,779	0%	3,650,724	2,744,268	-25%
7	Taiwan	107,058,430	87,687,513	-18%	3,932,003	2,503,626	-36%
8	Japan	167,542,998	161,032,761	-4%	1,918,650	1,803,222	-6%
9	India	81,440,303	79,609,255	-2%	1,966,287	1,598,311	-19%
10	Liechtenstein	27,255,920	29,829,606	9%	1,047,172	868,722	-17%



**Export**

HS 8204 Hand-Operated Spanners & Wrenches							
	Indicators	Export Value from the EU/MS (Euro)	Export Value from the EU/MS (Euro)	Same Period Change (Euro)	Export Qty from the EU/MS (Kg)	Export Qty from the EU/MS (Kg)	Same Period Change (Kg)
Rank	Years	2022	2023		2022	2023	
	<b>Total non-EU</b>	<b>257,698,751</b>	<b>272,586,455</b>	<b>6%</b>	<b>10,725,778</b>	<b>10,025,974</b>	<b>-7%</b>
1	USA	53,019,038	57,357,569	8%	1,591,556	1,497,318	-6%
2	UK	36,751,320	39,111,842	6%	1,420,771	1,370,159	-4%
3	Switzerland	23,870,347	25,209,853	6%	794,115	711,684	-10%
4	Turkey	8,910,164	9,773,695	10%	597,866	552,984	-8%
5	China	18,701,397	18,009,458	-4%	574,883	542,794	-6%
6	Norway	11,771,180	10,988,708	-7%	541,142	468,052	-14%
7	Ukraine	2,360,814	3,226,525	37%	314,413	422,090	34%
8	Brazil	5,366,646	5,334,253	-1%	443,859	397,703	-10%
9	Mexico	4,515,567	5,102,632	13%	278,085	315,576	13%
10	Belarus	2,077,528	2,182,950	5%	333,818	282,803	-15%

HS 8205 Hand Tools, Blow Torches, Anvils							
	Indicators	Export Value from the EU/MS (Euro)	Export Value from the EU/MS (Euro)	Same Period Change (Euro)	Export Qty from the EU/MS (Kg)	Export Qty from the EU/MS (Kg)	Same Period Change (Kg)
Rank	Years	2022	2023		2022	2023	
	<b>Total non-EU</b>	<b>708,104,171</b>	<b>707,885,657</b>	<b>0%</b>	<b>31,528,163</b>	<b>29,174,582</b>	<b>-7%</b>
1	UK	82,893,263	88,743,242	7%	3,671,381	3,679,145	0%
2	USA	147,629,107	143,000,330	-3%	3,787,177	3,447,221	-9%
3	Switzerland	63,111,832	60,570,029	-4%	3,209,598	2,981,223	-7%
4	Norway	40,938,777	35,856,879	-12%	2,256,809	1,865,299	-17%
5	Saudi Arabia	14,199,250	12,507,030	-12%	1,367,755	1,078,617	-21%
6	Turkey	15,999,020	22,242,414	39%	690,850	940,538	36%
7	Russia	17,239,217	12,846,528	-25%	1,049,053	785,413	-25%
8	Ukraine	5,480,356	8,704,168	59%	544,000	739,775	36%
9	Serbia	9,692,507	10,467,348	8%	666,729	638,142	-4%
10	China	31,648,878	29,434,862	-7%	587,307	536,496	-9%

HS 8207 Interchangeable Tools for Hand Tools Or Machine Tools							
	Indicators	Export Value from the EU/MS (Euro)	Export Value from the EU/MS (Euro)	Same Period Change (Euro)	Export Qty from the EU/MS (Kg)	Export Qty from the EU/MS (Kg)	Same Period Change (Kg)
Rank	Years	2022	2023		2022	2023	
	<b>Total non-EU</b>	<b>3,670,262,556</b>	<b>3,636,609,195</b>	<b>-1%</b>	<b>91,051,387</b>	<b>82,140,015</b>	<b>-10%</b>
1	USA	945,298,796	864,035,213	-9%	18,983,198	16,876,871	-11%
2	Switzerland	350,895,317	378,421,010	8%	8,962,658	7,944,044	-11%
3	UK	275,405,691	254,817,647	-7%	10,397,890	7,748,793	-25%
4	China	384,076,326	369,055,874	-4%	8,036,254	7,040,224	-12%
5	Turkey	151,976,848	177,033,139	16%	4,607,180	4,480,840	-3%
6	Mexico	159,946,400	193,599,093	21%	3,498,670	3,969,071	13%
7	Norway	76,840,417	76,288,967	-1%	3,362,938	3,262,793	-3%
8	Liechtenstein	106,097,218	115,956,982	9%	2,766,868	2,342,289	-15%
9	Australia	85,240,776	79,465,523	-7%	2,550,412	2,297,571	-10%
10	South Africa	54,569,215	55,983,398	3%	1,717,597	1,643,778	-4%

Source: EU Trade Helpdesk



**Taiwan**

In 2023, Taiwan imported about 7,699 tons of Fastening Tools (HS 8205), 6,929 tons of Interchangeable Tools for Hand Tools Or Machine Tools (HS 8207) and 5,686 tons of Hand-Operated Spanners & Wrenches (HS 8204), decreasing by 19.88%, increasing by 6.06% and decreasing by 25.59%, respectively, compared with the same period in 2022; Taiwan exported about 79 thousand tons of Hand Tools, Blow Torches, Anvils (HS 8205), 75 thousand tons of Hand-Operated Spanners & Wrenches (HS 8204), and 13,000 tons of Interchangeable Tools for Hand Tools Or Machine Tools (HS 8207), representing decreases of 22.29%, 14.61%, and 12.64% from the same period in 2022, respectively.

In terms of the import of HS 8204 (by weight), the top 3 import sources were China, Vietnam and Japan. Among the top 10 import sources, Germany showed the largest decline (-54.2%), while Taiwan showed the largest increase (94.21%); the top 3 export destinations were the U.S., China and Russia. Among the top 10 export destinations, the largest decrease was China (-40.89%) and the largest increase was Indonesia (37.2%).



In terms of the import of HS 8205 (by weight), the top 3 import sources were China, Vietnam and Japan. Among the top 10 import sources, the largest decrease was Germany (-34.29%) and the largest increase was the Netherlands (140.91%); the top 3 export destinations were the U.S., Japan and Germany. Among the top 10 export destinations, the biggest decline was the Netherlands (-28.11%) and the biggest increase was Russia (20.49%).

In terms of the import of HS 8207 (by weight), the top 3 import sources were China, Japan and Vietnam. Among the top 10 import sources, Germany showed the largest decrease (-40.89%) and Canada showed the largest increase (7,488.56%); the top 3 export destinations were the U.S., China and Japan. Among the top 10 export destinations, Germany showed the largest decline (-37.22%) and Mexico showed the largest increase (367.05%).

### Taiwan

in descending order according to weight of 2023

#### ▲ Import

HS 8204 Hand-Operated Spanners & Wrenches							
Rank	Country	2022 (USD)	2023 (USD)	Same Period Change (USD)	2022 (Kg)	2023 (Kg)	Same Period Change (Kg)
	World	44,513,252	34,639,075	-22.18%	7,642,204	5,686,714	-25.59%
1	China	28,642,155	19,818,017	-30.81%	5,825,582	4,168,876	-28.44%
2	Vietnam	7,009,299	6,012,605	-14.22%	1,433,392	1,094,115	-23.67%
3	Japan	3,447,750	2,737,927	-20.59%	164,112	143,401	-12.62%
4	India	472,446	775,995	64.25%	86,815	136,807	57.58%
5	Turkiye	299,591	383,314	27.95%	34,342	41,853	21.87%
6	USA	1,553,542	1,400,765	-9.83%	25,879	19,134	-26.06%
7	Italy	136,582	138,911	1.71%	13,658	10,359	-24.15%
8	Germany	867,761	807,734	-6.92%	15,805	7,239	-54.20%
9	Netherlands	502,566	667,615	32.84%	2,978	4,275	43.55%
10	Malaysia	69,985	83,771	19.70%	54	4,044	7389%

HS 8205 Hand Tools, Blow Torches, Anvils							
Rank	Country	2022 (USD)	2023 (USD)	Same Period Change (USD)	2022 (Kg)	2023 (Kg)	Same Period Change (Kg)
	World	55,629,495	43,840,195	-21.19%	9,609,742	7,699,434	-19.88%
1	China	34,066,040	25,332,560	-25.64%	8,758,152	6,857,643	-21.70%
2	Vietnam	1,537,689	1,589,486	3.37%	318,483	364,249	14.37%
3	Japan	6,050,947	4,213,815	-30.36%	209,996	174,032	-17.13%
4	Germany	3,601,409	2,231,801	-38.03%	57,584	37,839	-34.29%
5	India	234,098	222,285	-5.05%	40,863	37,565	-8.07%
6	USA	3,282,475	3,096,724	-5.66%	28,369	30,937	9.05%
7	Netherlands	1,503,165	1,743,149	15.97%	9,837	23,698	140.91%
8	Italy	412,015	393,156	-4.58%	25,638	19,690	-23.20%
9	Thailand	290,179	98,239	-66.15%	26,729	19,179	-28.25%
10	S. Korea	683,872	340,426	-50.22%	20,945	8,778	-58%

HS 8207 Interchangeable Tools for Hand Tools Or Machine Tools							
Rank	Country	2022 (USD)	2023 (USD)	Same Period Change (USD)	2022 (Kg)	2023 (Kg)	Same Period Change (Kg)
	World	177,102,117	146,198,755	-17.45%	6,533,989	6,929,973	6.06%
1	China	66,883,434	65,913,850	-1.45%	4,937,764	5,305,559	7.45%
2	Japan	58,809,971	38,755,085	-34.10%	523,682	545,142	4.10%
3	Vietnam	2,398,419	3,443,873	43.59%	285,230	394,857	38.43%
4	Germany	10,849,411	9,201,972	-15.18%	335,469	198,280	-40.89%
5	S. Korea	13,591,213	7,737,265	-43.07%	181,354	123,647	-31.82%
6	Canada	561,551	669,285	19.19%	437	33,162	7,488.56%
7	India	415,994	463,978	11.53%	5,474	26,776	389.15%
8	Singapore	6,239,192	4,621,178	-25.93%	27,079	22,962	-15.20%
9	USA	3,707,760	3,476,497	-6.24%	22,190	22,279	0.40%
10	Italy	1,350,256	1,439,342	6.60%	7,057	13,434	90.36%

#### ▲ Export

HS 8204 Hand-Operated Spanners & Wrenches							
Rank	Country	2022 (USD)	2023 (USD)	Same Period Change (USD)	2022 (Kg)	2023 (Kg)	Same Period Change (Kg)
	World	850,136,093	782,414,552	-7.97%	88,574,475	75,629,481	-14.61%
1	USA	367,971,242	330,280,565	-10.24%	39,188,698	33,883,176	-13.54%
2	China	67,425,449	39,305,404	-41.71%	12,948,854	7,654,571	-40.89%
3	Russia	26,561,079	35,218,622	32.59%	2,444,221	3,173,941	29.85%
4	Germany	49,170,726	44,733,608	-9.02%	3,455,037	2,785,058	-19.39%
5	Australia	35,845,847	29,813,281	-16.83%	3,033,488	2,586,681	-14.73%
6	Netherlands	36,164,641	35,423,698	-2.05%	3,009,032	2,384,069	-20.77%
7	France	31,672,764	30,582,041	-3.44%	2,132,737	1,772,890	-16.87%
8	Japan	28,686,805	30,079,586	4.86%	1,946,361	1,751,771	-10.00%
9	Indonesia	7,852,202	10,288,465	31.03%	1,191,418	1,634,670	37.20%
10	UK	16,336,386	16,998,397	4.05%	1,372,607	1,377,478	0.35%



HS 8205 Hand Tools, Blow Torches, Anvils							
Rank	Country	2022 (USD)	2023 (USD)	Same Period Change (USD)	2022 (Kg)	2023 (Kg)	Same Period Change (Kg)
	World	1,205,460,778	993,773,940	-17.56%	102,093,552	79,340,224	-22.29%
1	USA	533,283,854	434,473,851	-18.53%	46,310,967	33,964,215	-26.66%
2	Japan	71,220,039	57,280,040	-19.57%	5,288,823	4,321,135	-18.30%
3	Germany	57,872,251	47,190,230	-18.46%	4,245,193	3,383,527	-20.30%
4	UK	54,784,776	45,113,864	-17.65%	3,919,056	3,297,496	-15.86%
5	China	28,941,927	23,357,928	-19.29%	2,843,156	3,192,492	12.29%
6	Australia	49,790,163	41,298,403	-17.06%	4,002,666	3,032,439	-24.24%
7	Russia	26,846,827	32,217,162	20.00%	2,376,136	2,863,073	20.49%
8	Netherlands	41,785,749	30,541,668	-26.91%	3,043,977	2,188,468	-28.11%
9	Mexico	27,438,593	22,462,082	-18.14%	2,820,661	2,049,526	-27.34%
10	Belgium	21,799,866	18,573,974	-14.80%	2,276,956	1,881,078	-17.39%

HS 8207 Interchangeable Tools for Hand Tools Or Machine Tools							
Rank	Country	2022 (USD)	2023 (USD)	Same Period Change (USD)	2022 (Kg)	2023 (Kg)	Same Period Change (Kg)
	World	530,830,531	448,048,314	-15.59%	15,298,517	13,364,357	-12.64%
1	USA	96,950,664	87,009,839	-10.25%	4,343,066	3,653,384	-15.88%
2	China	168,597,939	125,157,894	-25.77%	2,635,314	2,200,220	-16.51%
3	Japan	30,960,483	27,080,650	-12.53%	1,308,013	1,108,154	-15.28%
4	India	9,996,402	14,313,746	43.19%	173,341	731,622	322.07%
5	Vietnam	16,915,745	15,180,256	-10.26%	638,021	679,162	6.45%
6	Mexico	3,070,724	5,251,313	71.01%	107,563	502,371	367.05%
7	Malaysia	8,777,503	6,923,094	-21.13%	608,567	487,104	-19.96%
8	Russia	15,802,160	17,219,344	8.97%	529,148	471,900	-10.82%
9	Germany	20,926,438	17,465,299	-16.54%	509,572	319,919	-37.22%
10	Brazil	6,081,439	7,473,261	22.89%	132,063	317,844	140.68%

Source: Bureau of Foreign Trade (Taiwan)

## Japan

In 2023, Japan imported about 57,000 tons of hand tools (Japan P.C. Code 61705), a decrease of 14.94% from the same period in 2022. In terms of value, Japan imported about 165.5 billion yens of hand tools, a decrease of 9.37% from the same period in 2022; Japan exported 67,000 tons of hand tools (Japan P.S. Code 61511), a decrease of 0.88% from the same period in 2022. In terms of value, exports amounted to 414.2 billion yens, a decrease of 1.13% from the same period in 2022.

In terms of weight, the top 3 import sources were China, Taiwan and S. Korea. Among the top 10 import sources, the largest decline was Switzerland (-91.08%) and the largest increase was Thailand (13.04%); the top 3 export destinations were the U.S., Mexico and China. Among the top 10 export destinations, the biggest decline was Indonesia (-39.69%) and the biggest increase was Mexico (300.85%).

### Japan

*in descending order according to weight of 2023*

#### ▲ Import

Japan P.C. Code 61705 All hand tools							
Rank	Country	2022 [JPY1,000]	2023 [JPY1,000]	Same Period Change	2022 (kg)	2023 (kg)	Same Period Change
	World	182,610,797	165,501,513	-9.37%	67,514,848	57,429,232	-14.94%
1	China	68,268,224	57,887,386	-15.21%	38,742,228	33,771,523	-12.83%
2	Taiwan	21,097,406	19,510,182	-7.52%	9,612,115	7,865,419	-18.17%
3	S. Korea	19,942,181	16,742,230	-16.05%	10,260,831	7,602,656	-25.91%
4	Thailand	9,402,278	9,559,877	1.68%	1,460,127	1,650,496	13.04%
5	Vietnam	1,516,880	7,313,396	382.13%	9,052,259	1,387,973	-84.67%
6	Germany	1,377,687	11,234,004	715.42%	11,314,594	1,152,921	-89.81%
7	USA	1,131,483	11,611,821	926.25%	10,757,780	1,000,539	-90.70%
8	Indonesia	486,498	2,682,268	451.34%	2,766,287	570,890	-79.36%
9	Switzerland	336,052	4,190,359	1146.94%	3,887,134	346,707	-91.08%
10	Philippines	320,757	1,087,390	239.01%	1,226,311	293,890	-76.03%

#### ▲ Export

Japan P.C. Code 61511 All hand tools							
Rank	Country	2022 [JPY1,000]	2023 [JPY1,000]	Same Period Change	2022 (kg)	2023 (kg)	Same Period Change
	World	419,025,030	414,276,866	-1.13%	68,499,503	67,895,258	-0.88%
1	USA	88,636,727	92,465,595	4.32%	20,080,083	19,447,968	-3.15%
2	Mexico	11,480,190	29,838,266	159.91%	3,137,203	12,575,525	300.85%
3	China	84,668,692	72,948,000	-13.84%	9,351,367	9,735,259	4.11%

Rank	Country	2022 (JPY1,000)	2023 (JPY1,000)	Same Period Change	2022 (kg)	2023 (kg)	Same Period Change
4	S. Korea	24,068,711	22,607,849	-6.07%	3,827,459	3,613,392	-5.59%
5	India	16,861,378	18,140,848	7.59%	3,379,587	2,865,373	-15.22%
6	Indonesia	14,129,429	11,220,406	-20.59%	4,726,743	2,850,590	-39.69%
7	Thailand	30,817,297	26,903,063	-12.70%	3,891,954	2,520,363	-35.24%
8	Taiwan	23,040,190	18,510,124	-19.66%	1,860,643	1,509,215	-18.89%
9	Brazil	3,361,598	4,550,086	35.35%	403,999	1,125,877	178.68%
10	Germany	21,672,225	24,050,668	10.97%	1,457,924	1,073,979	-26.34%

Source: Ministry of Finance, Japan



## Brazil

In 2023, Brazil imported about 17,000 tons of Hand Tools, Blow Torches, Anvils (HS 8205), 14,000 tons of Interchangeable Tools for Hand Tools Or Machine Tools (HS 8207), and 11,000 tons of Hand-Operated Spanners & Wrenches (HS 8204), up 11%, 9% and nearly 1% respectively over the same period in 2022; Brazil exported about 5,863 tons of Interchangeable Tools for Hand Tools Or Machine Tools (HS 8207), 2,058 tons of Hand Tools, Blow Torches, Anvils (HS 8205), and 976 tons of Hand-Operated Spanners & Wrenches (HS 8204), down 3%, 23%, and 9%, respectively, from the same period in 2022.

In terms of the import of HS 8204 (by weight), the top 3 import sources were China, India and Taiwan. Among the top 10 import sources, Hong Kong showed the largest decline (-71%) and Japan showed the largest increase (19%); the top 3 export destinations were Bolivia, Paraguay and Argentina. Among the top 10 export destinations, the largest decrease was Bolivia (-24%) and the largest increase was Dominica (115%).

In terms of the import of HS 8205 (by weight), the top 3 import sources were China, India and Hong Kong. Among the top 10 import sources, the largest decline was Colombia (-52%) and the largest increase was China (14%); the top 3 export destinations were Bolivia, Peru and Paraguay. Among the top 10 export destinations, the largest decline was Saudi Arabia (-81%) and the largest increase was Mexico (63%).

In terms of the import of HS 8207 (by weight), the top 3 import sources were China, Sweden and S. Korea. Among the top 10 import sources, the largest decline was Sweden (-26%) and the largest increase was Brazil (2779%); the top 3 export destinations were Mexico, the U.S. and Argentina. Among the top 10 export destinations, the largest decline was Argentina (-70%) and the largest increase was South Africa (3,383%).

## Brazil

in descending order according to weight of 2023

### ▲ Import

HS 8204 Hand-Operated Spanners & Wrenches							
Rank	Country	2022 (USD)	2023 (USD)	Same Period Change (USD)	2022 (Kg)	2023 (Kg)	Same Period Change (Kg)
	World	51,522,260	49,801,562	-3.34%	11,482,143	11,464,267	0%
1	China	26,810,276	24,884,385	-7.18%	6,986,785	7,142,166	2%
2	India	9,478,434	8,677,929	-8.45%	2,492,889	2,259,188	-9%
3	Taiwan	7,437,896	8,727,205	17.33%	781,337	914,838	17%
4	Japan	610,260	617,876	1.25%	567,647	676,720	19%
5	Italy	914,095	847,018	-7.34%	174,819	133,968	-23%
6	Germany	1,328,540	1,440,359	8.42%	84,209	79,744	-5%
7	Netherlands	373,800	362,510	-3.02%	55,370	46,850	-15%
8	Hong Kong	486,556	69,197	-85.78%	133,060	38,828	-71%
9	USA	1,709,450	1,885,791	10.32%	33,143	33,836	2%
10	Spain	191,722	206,180	7.54%	31,760	32,248	2%

HS 8205 Hand Tools, Blow Torches, Anvils							
Rank	Country	2022 (USD)	2023 (USD)	Same Period Change (USD)	2022 (Kg)	2023 (Kg)	Same Period Change (Kg)
	World	74,040,475	76,181,977	2.89%	15,381,732	17,138,932	11%
1	China	45,799,383	46,532,883	1.60%	13,611,658	15,563,186	14%
2	India	1,519,739	1,274,045	-16.17%	491,534	407,688	-17%
3	Hong Kong	962,663	934,080	-2.97%	369,380	312,880	-15%
4	Taiwan	3,100,216	3,188,512	2.85%	272,923	299,553	10%
5	Germany	4,853,413	5,463,625	12.57%	98,939	94,718	-4%
6	USA	5,596,730	5,446,822	-2.68%	82,206	72,314	-12%
7	Sweden	1,012,792	1,570,786	55.09%	68,375	68,947	1%
8	Colombia	385,899	192,158	-50.21%	133,023	63,278	-52%
9	Netherlands	484,263	761,897	57.33%	60,526	62,655	4%
10	Italy	996,969	1,119,291	12.27%	27,310	23,278	-15%

HS 8207 Interchangeable Tools for Hand Tools Or Machine Tools							
Rank	Country	2022 (USD)	2023 (USD)	Same Period Change (USD)	2022 (Kg)	2023 (Kg)	Same Period Change (Kg)
	World	223,479,067	247,314,307	10.67%	13,646,039	14,896,098	9%
1	China	78,390,056	91,084,594	16.19%	9,332,114	10,664,995	14%
2	Sweden	17,466,638	18,911,280	8.27%	1,132,932	840,399	-26%
3	S. Korea	16,178,568	6,306,249	-61.02%	1,095,320	653,334	-40%
4	Brazil	882,933	1,735,142	96.52%	16,051	462,174	2779%
5	USA	23,183,716	34,448,432	48.59%	337,837	414,744	23%



Rank	Country	2022 (USD)	2023 (USD)	Same Period Change (USD)	2022 (Kg)	2023 (Kg)	Same Period Change (Kg)
6	Italy	5,619,100	8,902,568	58.43%	183,799	208,184	13%
7	Taiwan	7,442,026	7,050,557	-5.26%	165,940	174,136	5%
8	Germany	21,400,118	21,467,880	0.32%	225,704	173,262	-23%
9	Japan	8,266,859	9,077,228	9.80%	107,065	172,462	61%
10	India	5,803,954	5,799,841	-0.07%	113,195	171,768	52%

## Export

HS 8204 Hand-Operated Spanners & Wrenches							
Rank	Country	2022 (USD)	2023 (USD)	Same Period Change (USD)	2022 (Kg)	2023 (Kg)	Same Period Change (Kg)
	World	9,016,767	8,683,619	-3.69%	1,077,494	976,079	-9%
1	Bolivia	2,553,206	2,004,587	-21.49%	357,707	271,911	-24%
2	Paraguay	2,052,138	2,402,913	17.09%	239,768	271,199	13%
3	Argentina	854,834	1,206,986	41.20%	104,819	130,104	24%
4	Peru	589,996	517,128	-12.35%	91,885	72,057	-22%
5	Uruguay	508,519	612,700	20.49%	55,602	63,927	15%
6	Chile	591,460	525,744	-11.11%	54,784	49,112	-10%
7	Ecuador	105,818	114,876	8.56%	12,917	13,380	4%
8	Mexico	102,776	112,596	9.55%	11,172	11,795	6%
9	Dominican Republic	48,765	102,030	109.23%	5,095	10,933	115%
10	Guatemala	106,267	96,581	-9.11%	12,926	10,561	-18%

HS 8205 Hand Tools, Blow Torches, Anvils							
Rank	Country	2022 (USD)	2023 (USD)	Same Period Change (USD)	2022 (Kg)	2023 (Kg)	Same Period Change (Kg)
	World	18,176,662	17,362,084	-4.48%	2,665,317	2,058,376	-23%
1	Bolivia	1,735,835	1,770,592	2.00%	461,913	382,771	-17%
2	Peru	1,836,902	1,409,818	-23.25%	558,613	365,655	-35%
3	Paraguay	2,296,080	2,472,843	7.70%	334,111	332,389	-1%
4	Mexico	429,749	1,146,011	166.67%	118,411	192,436	63%
5	Argentina	1,490,389	1,843,681	23.70%	126,514	147,362	16%
6	Uruguay	769,520	764,812	-0.61%	113,160	102,883	-9%
7	Dominican Republic	356,020	434,542	22.06%	81,169	92,452	14%
8	Saudi Arabia	902,237	187,281	-79.24%	295,261	56,762	-81%
9	Colombia	362,428	383,469	5.81%	88,814	45,983	-48%
10	Ecuador	453,464	426,834	-5.87%	60,337	45,483	-25%

HS 8207 Interchangeable Tools for Hand Tools Or Machine Tools							
Rank	Country	2022 (USD)	2023 (USD)	Same Period Change (USD)	2022 (Kg)	2023 (Kg)	Same Period Change (Kg)
	World	152,150,781	139,024,168	-8.63%	6,018,965	5,863,477	-3%
1	Mexico	16,368,118	27,413,024	67.48%	876,243	2,040,422	133%
2	USA	42,785,902	51,610,242	20.62%	1,173,667	1,746,871	49%
3	Argentina	37,365,636	12,167,342	-67.44%	2,518,286	758,477	-70%
4	Colombia	3,165,669	3,760,021	18.77%	372,201	548,786	47%
5	Netherlands	26,998,936	21,514,912	-20.31%	428,887	284,740	-34%
6	Paraguay	3,429,578	3,386,883	-1.24%	134,716	120,818	-10%
7	Chile	1,876,065	1,292,284	-31.12%	38,475	65,522	70%
8	Bolivia	2,181,712	1,665,478	-23.66%	79,604	47,100	-41%
9	South Africa	25,969	190,943	635.27%	1,099	38,283	3383%
10	Sweden	609,763	722,405	18.47%	33,820	32,857	-3%

Source: Ministry of Industry, External Commerce and Service of Brazil

## Conclusions

Looking at the performance of the top 3 trade partners in each region, we can observe a few trends:

- The U.S. : reduced import and increased export
- Japan : reduced import and increased export
- The EU : reduced import and export
- Taiwan : reduced import and export
- Brazil : no significant trend of increase or decline

It is worth noting that the U.S. and Japan's fastening tool export growth is clearly concentrated in Mexico.

Affected by the general environment and the impact of relevant external factors, the global import demand for fastening tools generally declined; however, the economy is continuously fluctuating, so it is estimated that in the future, after the bottoming out of various industries and the subsequent rebound, the resulting cascade effect should be able to synchronize the demand for fasteners and fastening tools. ■

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