

Fastening Hand Tools Trade Statistics (2015 to 2017) 緊固工具貿易統計

compiled by Fastener World



(in USD), in descending order according to figures of 2017

Import

Export

HS 820411 Non-adjustable hand-operated spanners, wrenches, and parts

Rank	Partner	2015	2016	2017	Rank	Partner	2015	2016	2017
	World	247,414,689	229,129,468	242,707,097		World	156,699,483	138,101,254	137,510,234
1	China	136,640,857	120,821,121	127,973,525	1	Canada	34,375,579	30,448,563	31,774,018
2	Taiwan	63,419,122	61,077,814	62,473,857	2	U. K.	13,932,533	10,266,736	11,940,620
3	India	16,137,245	17,154,500	18,812,776	3	Germany	9,919,587	8,504,631	10,277,516
4	Germany	4,784,636	5,565,373	6,607,262	4	China	11,327,800	7,683,352	7,916,158
5	Argentina	25,049	5,945,488	6,138,278	5	Mexico	8,606,247	7,451,295	7,834,273
6	Mexico	10,880,115	4,809,921	5,240,393	6	Australia	6,692,687	6,371,235	7,220,435
7	Japan	2,788,924	2,952,944	3,432,190	7	Japan	5,700,880	10,973,481	7,057,000
8	Canada	3,198,764	2,740,164	2,854,956	8	Singapore	5,039,572	3,644,930	4,011,120
9	Italy	2,000,329	1,985,395	2,230,244	9	Netherlands	4,173,208	3,821,395	3,396,749
10	U.K.	1,603,385	1,051,666	1,161,770	10	Brazil	3,988,072	1,912,761	2,931,030

HS 820412 Adjustable hand-operated spanners, wrenches, and parts

Rank	Partner	2015	2016	2017	Rank	Partner	2015	2016	2017
	World	105,021,914	102,551,727	104,399,793		World	44,783,780	36,659,329	38,368,176
1	China	69,743,635	70,297,736	68,993,781	1	Canada	12,924,662	11,775,254	13,571,981
2	Taiwan	14,806,768	12,605,453	13,833,256	2	Mexico	3,908,100	3,043,360	3,424,655
3	Germany	6,899,173	8,691,802	9,129,815	3	Belgium	2,460,196	2,216,060	2,721,856
4	Spain	6,550,298	5,782,842	7,410,564	4	Singapore	1,742,314	2,228,715	1,699,035
5	India	1,961,088	1,452,522	1,317,752	5	Peru	1,388,909	1,692,972	1,453,737
6	Canada	491,107	358,463	728,741	6	Australia	825,068	714,665	1,206,552
7	Italy	52,123	99,140	604,846	7	Chile	1,833,460	971,452	1,169,809
8	U. K.	1,665,623	894,120	564,304	8	China	809,034	937,251	986,518
9	Argentina	1,092,223	770,877	319,837	9	South Korea	411,297	1,336,241	802,391
10	Mexico	202,056	179,787	273,864	10	France	658,122	655,403	758,289

HS 820420 Socket wrenches with/without handles, drives, extensions, and parts

Rank	Partner	2015	2016	2017	Rank	Partner	2015	2016	2017
	World	238,996,200	213,920,341	222,826,737		World	79,174,185	88,110,236	71,376,680
1	Taiwan	134,911,731	120,057,187	123,681,476	1	Canada	19,173,747	17,197,583	20,530,897
2	China	95,532,932	84,174,327	88,807,255	2	U. K.	9,867,659	12,018,209	10,355,569
3	Germany	1,742,953	1,527,525	2,342,770	3	Mexico	6,376,422	6,784,967	5,338,594
4	Japan	1,097,349	1,500,059	1,783,012	4	Germany	8,581,121	6,133,286	3,505,734
5	Canada	1,101,933	1,368,420	1,010,578	5	Japan	2,972,372	17,333,807	3,461,864
6	Sweden	843,980	694,845	942,172	6	Australia	3,584,626	2,672,801	3,020,897
7	U. K.	618,296	766,893	778,239	7	China	1,428,054	1,319,126	1,660,128
8	Mexico	458,431	555,853	681,207	8	Peru	2,189,434	2,060,862	1,436,616
9	France	400,511	406,836	424,506	9	Saudi Arabia	943,316	1,009,461	1,239,470
10	Italy	230,478	170,404	355,479	10	Nicaragua	83,365	61,698	1,180,096

HS 820540 Screwdrivers and parts

Rank	Partner	2015	2016	2017	Rank	Partner	2015	2016	2017
	World	111,060,066	122,728,012	119,512,587		World	32,397,808	34,394,433	29,856,150
1	China	62,455,980	69,256,467	68,437,119	1	Canada	9,847,301	7,801,898	9,621,605
2	Taiwan	33,472,532	36,110,759	34,706,162	2	Mexico	3,687,004	4,113,385	4,578,692
3	Germany	7,029,191	7,807,476	7,133,930	3	U. K.	3,725,027	2,378,986	2,580,896
4	Czech Republic	1,866,888	2,474,131	2,802,591	4	Australia	1,028,512	699,258	1,502,084
5	Japan	1,321,672	2,663,970	1,981,864	5	Israel	2,287,403	3,436,738	1,180,682
6	Switzerland	485,477	738,859	803,996	6	South Korea	720,714	1,584,180	935,235
7	Canada	851,177	398,172	801,436	7	Chile	1,254,870	908,280	908,272
8	Spain	833,082	522,629	685,235	8	Japan	724,263	3,025,441	823,813
9	U. K.	979,979	838,666	519,590	9	Germany	809,206	605,145	578,928
10	France	322,145	435,729	341,188	10	Ecuador	458,487	423,487	562,663

HS 820790 Screwdriver bits, tapping tools, and other interchangeable tools

Rank	Partner	2015	2016	2017	Rank	Partner	2015	2016	2017
	World	329,096,463	328,502,843	362,310,865		World	178,833,418	179,424,554	186,185,745
1	China	164,119,278	168,297,809	174,116,848	1	Mexico	36,694,541	38,354,922	44,709,638
2	Taiwan	33,730,882	35,189,914	46,458,846	2	Canada	40,854,065	37,935,596	41,708,146
3	Germany	32,465,039	29,964,446	36,173,081	3	Japan	13,841,788	14,165,580	12,360,563
4	Japan	25,407,534	15,111,410	16,922,183	4	U. K.	9,964,223	11,050,156	9,389,411
5	Canada	15,162,393	14,953,254	14,017,065	5	China	7,278,991	6,594,613	8,654,065
6	Mexico	2,721,705	7,957,282	11,623,107	6	Germany	8,039,038	6,801,911	8,248,629
7	Hungary	5,392,760	5,396,352	6,332,092	7	South Korea	6,291,312	8,050,473	5,362,290
8	Switzerland	5,790,528	6,595,339	6,275,688	8	France	3,364,685	1,809,426	5,154,402
9	Brazil	3,718,608	4,076,968	5,526,928	9	Italy	3,783,680	5,640,506	3,987,495
10	Italy	4,851,426	5,277,160	5,209,287	10	Australia	3,155,215	2,536,916	3,040,198

Source: U.S. ITA of Department of Commerce



(in USD), in descending order according to figures of 2017

Import
Export

HS 820411 Non-adjustable hand-operated spanners, wrenches, and parts

Rank	Partner	2015	2016	2017	Rank	Partner	2015	2016	2017
	World	55,280,121	49,517,241	52,644,242		World	5,658,182	4,491,076	4,758,633
1	U.S.A.	26,003,270	22,526,706	23,454,912	1	U.S.A.	3,851,298	3,345,169	3,538,232
2	China	18,976,669	18,346,046	19,595,704	2	Cuba	184,819	90,450	195,970
3	Taiwan	6,682,118	5,313,532	6,314,044	3	Chile	28,494	2,410	93,476
4	Germany	822,138	923,246	1,083,688	4	Russia	35,944	50,226	74,024
5	India	822,202	711,924	484,602	5	U. K.	286,737	34,611	62,966
6	U.K.	183,155	294,656	230,223	6	Germany	48,048	27,210	50,121
7	Italy	209,069	201,276	211,176	7	Costa Rica	128	17,086	44,527
8	Canada	147,176	118,251	176,458	8	India	21,080	24,118	43,344
9	Japan	576,390	151,485	169,827	9	Haiti	116,541		36,002
10	Czech Republic	68,603	99,215	161,000	10	France	65,223	77,113	30,344

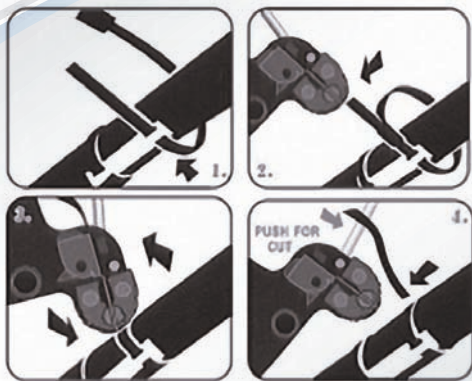
Source: Canada.ca

HS 820412 Adjustable hand-operated spanners, wrenches, and parts

Rank	Partner	2015	2016	2017	Rank	Partner	2015	2016	2017
	World	18,740,855	16,692,726	19,468,788		World	1,462,344	1,637,841	2,333,530
1	U.S.A.	8,095,285	6,637,957	8,147,444	1	U.S.A.	916,804	882,351	1,163,928
2	China	6,598,744	5,861,945	7,298,719	2	Australia	3,674	24,577	331,461
3	Taiwan	2,193,457	2,057,208	2,194,046	3	Mexico	72,661	92,851	128,045
4	Spain	954,346	966,620	798,123	4	Ghana	51,847	17,529	102,415
5	Germany	260,415	384,020	456,576	5	Russia	11,616	72,203	74,819
6	Japan	142,261	110,891	137,437	6	Germany	8,455	22,390	55,411
7	U. K.	77,479	91,382	86,939	7	Finland	29,972	70,570	49,872
8	Canada	63,356	61,617	82,361	8	Peru	3,712	16,032	35,475
9	India	95,166	44,726	73,873	9	Cuba	46,464	16,549	33,609
10	Italy	27,429	60,334	45,903	10	U.A.E.	9,441	14,623	26,258

HS 820420 Socket wrenches with/without handles, drives, extensions, and parts

Rank	Partner	2015	2016	2017	Rank	Partner	2015	2016	2017
	World	45,034,569	48,871,313	51,258,394		World	2,410,865	2,885,302	2,722,210
1	China	19,171,363	21,805,203	23,196,929	1	U.S.A.	1,454,884	1,656,286	1,586,274
2	Taiwan	12,331,924	14,989,805	13,840,483	2	Cuba	144,381	67,115	269,882
3	U.S.A.	12,108,820	10,609,565	12,651,767	3	U. K.	37,057	13,837	148,615
4	Germany	605,391	611,343	629,682	4	Germany	64,821	221,208	147,583
5	Japan	92,232	66,528	160,855	5	Argentina	3,443	7,666	71,585
6	Sweden	166,969	134,511	99,769	6	China	48,780	50,984	61,827
7	Israel	118,107	137,380	95,773	7	U.A.E.	71,845	45,910	36,961
8	Italy	90,613	73,042	82,567	8	Saudi Arabia	16,639	14,650	33,295
9	Canada	33,176	25,971	63,638	9	Australia	10,039	12,586	33,118
10	U. K.	59,629	73,362	63,598	10	Norway		67,850	32,162



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HS 820540 Screwdrivers and parts

Rank	Partner	2015	2016	2017	Rank	Partner	2015	2016	2017
	World	16,759,571	13,681,977	15,717,727		World	2,562,322	1,896,526	2,551,809
1	China	8,606,385	5,722,552	6,043,179	1	U.S.A.	1,552,290	891,021	1,376,377
2	U.S.A.	4,585,608	4,251,955	5,283,067	2	Germany	235,921	416,583	554,126
3	Taiwan	2,435,615	2,461,213	2,665,318	3	Slovakia	225,771	226,943	239,644
4	Czech Republic	262,038	541,429	646,760	4	Switzerland	313	674	83,094
5	Germany	542,330	436,723	566,995	5	Italy	63,058	92,058	49,415
6	Canada	14,157	11,247	226,295	6	China	31,102	29,316	43,344
7	Spain	52,919	61,008	62,846	7	Russia	3,492	167	19,800
8	Japan	85,525	45,992	46,900	8	U. K.	26,626	39,568	17,233
9	U. K.	47,325	35,004	32,942	9	Cuba	7,306	7,894	13,825
10	Italy	5,497	8,536	30,663	10	New Zealand	19,778	4,614	13,139

HS 820790 Screwdriver bits, tapping tools, and other interchangeable tools

Rank	Partner	2015	2016	2017	Rank	Partner	2015	2016	2017
	World	107,577,384	92,518,480	95,528,355		World	20,246,478	23,445,340	21,360,793
1	China	41,343,373	41,262,560	40,896,742	1	United States	16,904,406	18,382,633	17,062,611
2	U.S.A.	26,290,672	22,519,267	23,807,601	2	Thailand	32,669	376,678	498,798
3	Taiwan	26,635,301	12,395,581	13,441,678	3	France	638,451	476,760	418,320
4	Germany	3,332,234	3,706,415	4,617,092	4	China	405,680	427,202	391,299
5	Italy	1,489,556	2,542,683	2,635,065	5	Germany	284,847	396,963	270,601
6	Japan	1,092,042	1,051,657	1,630,696	6	Mexico	141,467	256,286	266,969
7	Hungary	1,362,885	1,294,245	1,381,487	7	Cayman Islands	---	---	206,927
8	Israel	893,394	1,063,201	1,135,603	8	Australia	72,375	94,823	204,221
9	U. K.	1,177,389	1,467,578	1,127,694	9	Taiwan	59,153	93,036	173,857
10	Portugal	942,823	1,208,067	558,735	10	Poland	215,085	38,289	166,466



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Attn: Mrs. Lao / Mr. Ruan



in descending order according to figures of 2017

Import

HS 820411 Non-adjustable hand-operated spanners, wrenches, and parts

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (EURO)	2016 (EURO)	2017 (EURO)
	World	16,764,000	17,791,000	19,124,000	World	182,912,231	184,981,827	208,240,222
1	Germany	6,054,000	6,323,000	7,177,000	Germany	78,517,006	79,953,536	89,558,389
2	Italy	1,420,000	2,552,000	1,741,000	Netherlands	16,740,305	18,944,095	21,182,166
3	Netherlands	1,911,000	2,263,000	2,956,000	France	12,851,409	12,524,089	15,389,793
4	Belgium	962,000	957,000	984,000	Belgium	11,912,369	13,501,806	14,068,677
5	France	749,000	804,000	1,008,000	Italy	11,825,443	11,567,945	13,912,610
6	Ireland	882,000	799,000	514,000	Sweden	10,007,583	9,936,349	9,001,701
7	Sweden	641,000	670,000	527,000	U. K.	10,789,639	8,503,408	8,027,082
8	Poland	468,000	548,000	534,000	Slovenia	2,858,376	2,608,308	7,057,527
9	U. K.	1,004,000	429,000	360,000	Austria	3,851,308	3,680,861	4,589,085
10	Austria	406,000	396,000	601,000	Poland	3,319,477	3,838,753	3,985,743

HS 820412 Adjustable hand-operated spanners, wrenches, and parts

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (EURO)	2016 (EURO)	2017 (EURO)
	World	4,598,000	4,697,000	5,308,000	World	71,862,204	75,239,733	83,662,222
1	Germany	1,240,000	879,000	1,238,000	Germany	21,181,216	16,058,532	18,632,453
2	Italy	665,000	651,000	757,000	Poland	7,544,307	10,155,145	11,409,064
3	Poland	366,000	469,000	586,000	Netherlands	7,848,936	8,654,642	8,700,651
4	Spain	252,000	250,000	455,000	Spain	4,053,063	4,386,181	8,386,522
5	Netherlands	322,000	373,000	454,000	Czech Republic	3,420,355	6,207,414	8,200,369
6	Czech Republic	145,000	237,000	336,000	U.K.	7,319,429	7,281,480	7,534,640
7	Belgium	283,000	324,000	331,000	Sweden	7,949,854	8,631,137	5,083,342
8	France	219,000	185,000	276,000	Belgium	3,635,913	4,105,456	4,728,946
9	U.K.	288,000	287,000	269,000	France	2,771,938	3,287,856	3,896,971
10	Sweden	419,000	694,000	253,000	Italy	2,660,106	2,689,185	2,954,973

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HS 820420 Socket wrenches with/without handles, drives, extensions, and parts

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (EURO)	2016 (EURO)	2017 (EURO)
	World	11,817,000	16,251,000	15,610,000	World	130,720,706	153,412,993	16,9021,905
1	Germany	4,540,000	7,694,000	5,158,000	Germany	45,500,956	56,232,132	58,889,990
2	Netherlands	1,460,000	2,725,000	2,670,000	Netherlands	15,446,900	22,347,588	22,070,391
3	France	960,000	910,000	1,228,000	France	10,222,507	11,566,463	14,530,396
4	Luxembourg	912,000	808,000	1,203,000	Italy	10,674,266	9,681,551	12,086,300
5	Belgium	939,000	829,000	979,000	Belgium	8,560,207	8,708,172	10,569,154
6	Spain	271,000	682,000	701,000	U. K.	6,668,314	7,810,294	8,910,274
7	Poland	450,000	500,000	652,000	Luxembourg	6,861,807	6,268,693	8,121,863
8	Austria	387,000	446,000	570,000	Poland	4,260,713	4,969,525	6,277,710
9	Czech Republic	287,000	185,000	486,000	Spain	2,869,165	5,045,595	6,253,550
10	U. K.	424,000	449,000	482,000	Austria	4,368,177	5,301,748	5,467,990

HS 820540 Screwdrivers and parts

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (EURO)	2016 (EURO)	2017 (EURO)
	World	12,876,000	14,145,000	16,222,000	World	155,988,412	173,825,192	199,663,949
1	Germany	4,561,000	4,741,000	5,095,000	Germany	70,208,344	68,177,110	69,601,431
2	Czech Republic	2,152,000	2,124,000	2,694,000	Czech Republic	17,130,243	20,135,843	27,191,714
3	Netherlands	1,233,000	1,378,000	1,472,000	Poland	6,506,126	9,982,749	15,327,569
4	Belgium	1,316,000	1,412,000	1,450,000	France	11,599,821	13,597,821	15,193,102
5	France	681,000	1,243,000	1,355,000	Belgium	12,281,788	14,044,196	14,207,201
6	Poland	511,000	620,000	973,000	Netherlands	11,918,421	13,884,564	14,114,375
7	U. K.	402,000	442,000	569,000	Spain	2,007,649	4,128,969	8,839,211
8	Spain	169,000	308,000	561,000	U. K.	4,117,319	6,181,458	8,201,503
9	Italy	350,000	287,000	460,000	Italy	3,095,214	3,416,020	5,916,078
10	Slovenia	233,000	303,000	353,000	Slovenia	3,465,075	4,620,245	5,336,774



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HS 820790 Screwdriver bits, tapping tools, and other interchangeable tools

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (EURO)	2016 (EURO)	2017 (EURO)
	World	40,910,000	89,680,000	40,523,000	World	618,911,536	672,104,126	71,445,285
1	Germany	23,540,000	61,860,000	14,089,000	Germany	261,003,058	281,461,138	291,008,212
2	Italy	3,434,000	3,822,000	10,266,000	Italy	64,460,788	64,855,858	69,939,310
3	Belgium	2,327,000	9,142,000	2,800,000	Belgium	41,128,051	43,036,532	48,561,802
4	Spain	2,134,000	2,192,000	2,591,000	France	29,614,528	39,320,240	40,696,632
5	France	1,476,000	2,464,000	2,096,000	Czech Republic	32,365,405	37,186,877	38,532,981
6	Czech Republic	1,084,000	2,927,000	1,456,000	Spain	21,529,441	24,203,893	30,287,214
7	Netherlands	1,114,000	1,575,000	1,264,000	U. K.	23,713,156	22,528,421	27,473,830
8	Austria	802,000	959,000	1,038,000	Netherlands	22,474,596	28,144,112	27,179,172
9	U. K.	952,000	1,010,000	934,000	Austria	25,647,147	26,251,972	26,940,655
10	Poland	1,212,000	834,000	932,000	Portugal	18,778,245	18,727,620	22,792,130

Export

HS 820411 Non-adjustable hand-operated spanners, wrenches, and parts

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (EURO)	2016 (EURO)	2017 (EURO)
	World	16,826,000	18,801,000	20,409,000	World	193,723,016	202,742,744	216,014,338
1	Germany	3,133,000	4,539,000	4,654,000	Germany	26,783,973	27,307,252	26,776,570
2	France	1,581,000	1,737,000	2,306,000	France	20,949,997	23,319,222	26,612,057
3	Sweden	1,549,000	1,508,000	1,692,000	Netherlands	15,789,175	16,690,402	17,927,343
4	Poland	1,420,000	1,204,000	1,363,000	Poland	12,269,246	12,081,201	14,646,723
5	Netherlands	1,075,000	1,037,000	1,213,000	Belgium	12,364,111	12,785,932	13,330,542
6	Italy	1,162,000	1,046,000	1,086,000	Italy	12,823,578	12,872,663	13,277,575
7	U. K.	825,000	844,000	877,000	Austria	11,453,907	12,023,691	12,972,574
8	Czech Republic	748,000	818,000	841,000	U. K.	12,682,948	12,792,050	12,800,581
9	Belgium	642,000	706,000	835,000	Sweden	11,731,313	11,225,504	12,673,871
10	Spain	893,000	846,000	785,000	Spain	11,190,740	10,786,408	11,092,800

HS 820412 Adjustable hand-operated spanners, wrenches, and parts

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (EURO)	2016 (EURO)	2017 (EURO)
	World	6,941,000	6,145,000	7,000,000	World	71,985,774	76,540,818	85,059,531
1	Sweden	3,396,000	2,874,000	3,329,000	Germany	14,530,389	17,610,368	20,071,580
2	Germany	820,000	784,000	829,000	Sweden	13,694,791	12,264,752	13,135,939
3	France	593,000	477,000	510,000	France	8,030,626	8,015,979	8,789,487
4	U. K.	347,000	357,000	351,000	U. K.	7,905,621	8,494,690	8,186,826
5	Spain	264,000	246,000	308,000	Poland	2,829,845	3,643,052	4,941,219
6	Poland	181,000	194,000	257,000	Belgium	2,806,041	2,875,423	3,925,743
7	Italy	212,000	192,000	214,000	Italy	3,210,039	3,448,418	3,684,689
8	Belgium	192,000	171,000	182,000	Austria	2,741,593	3,088,674	3,604,792
9	Netherlands	153,000	120,000	175,000	Spain	3,246,136	3,183,244	3,449,334
10	Austria	123,000	107,000	123,000	Netherlands	2,566,472	2,423,144	2,801,935

HS 820420 Socket wrenches with/without handles, drives, extensions, and parts

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (EURO)	2016 (EURO)	2017 (EURO)
	World	12,911,000	15,519,000	15,871,000	World	153,779,350	172,669,734	186,911,825
1	Germany	1,470,000	1,858,000	2,077,000	Germany	22,479,507	23,842,523	25,169,846
2	France	1,020,000	2,091,000	1,992,000	France	15,974,285	21,233,780	24,849,891
3	Sweden	973,000	1,161,000	1,416,000	U. K.	12,080,985	12,818,185	13,286,233
4	Poland	974,000	1,309,000	1,189,000	Poland	8,515,092	10,718,704	11,025,076
5	U. K.	1,124,000	1,063,000	1,006,000	Belgium	9,401,422	9,707,227	10,963,868
6	Italy	814,000	822,000	882,000	Sweden	8,069,168	9,292,185	10,824,810
7	Czech Republic	710,000	684,000	725,000	Netherlands	9,935,469	9,942,561	10,672,741
8	Spain	808,000	767,000	722,000	Italy	8,872,983	10,033,600	10,364,555
9	Belgium	540,000	548,000	619,000	Spain	8,726,341	9,203,117	9,801,057
10	Finland	530,000	612,000	617,000	Austria	7,314,342	8,241,169	8,523,189

HS 820540 Screwdrivers and parts

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (EURO)	2016 (EURO)	2017 (EURO)
	World	13,876,000	14,448,000	14,799,000	World	158,519,681	180,157,172	203,204,874
1	Germany	2,936,000	3,262,000	3,484,000	Germany	33,964,765	40,136,844	48,089,399
2	Sweden	2,251,000	1,636,000	1,847,000	France	16,461,873	18,343,823	21,881,372
3	France	1,257,000	1,394,000	1,627,000	Poland	8,577,913	11,621,292	14,196,500
4	Italy	971,000	1,214,000	1,034,000	U. K.	12,624,036	12,880,729	14,085,662
5	Poland	1,270,000	1,049,000	1,027,000	Italy	10,672,157	14,277,807	13,840,099
6	U. K.	785,000	906,000	901,000	Sweden	12,987,948	11,685,548	12,100,778
7	Belgium	636,000	581,000	682,000	Belgium	8,445,235	8,920,625	11,356,373
8	Spain	512,000	679,000	618,000	Netherlands	10,035,972	9,880,703	11,110,183
9	Netherlands	498,000	496,000	461,000	Austria	7,096,053	8,172,850	9,737,770
10	Czech Republic	494,000	430,000	437,000	Spain	7,687,976	8,970,263	9,671,131

HS 820790 Screwdriver bits, tapping tools, and other interchangeable tools

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (EURO)	2016 (EURO)	2017 (EURO)
	World	24,883,000	27,732,000	27,650,000	World	643,328,410	695,833,374	733,372,620
1	Germany	9,291,000	9,128,000	9,116,000	Germany	152,818,245	166,864,661	167,528,450
2	France	2,305,000	2,608,000	3,075,000	France	69,335,510	78,906,202	81,322,272
3	Italy	1,397,000	1,599,000	1,555,000	Czech Republic	27,994,333	28,924,253	45,290,550
4	Spain	1,189,000	1,567,000	1,526,000	Spain	38,244,179	42,023,714	44,118,899
5	U. K.	1,340,000	1,948,000	1,505,000	U. K.	42,519,361	48,434,884	44,108,740
6	Poland	1,436,000	1,742,000	1,487,000	Poland	42,432,871	44,955,576	42,884,523
7	Netherlands	931,000	1,185,000	1,228,000	Italy	38,949,851	42,934,313	42,600,681
8	Belgium	881,000	884,000	1,067,000	Netherlands	28,923,449	32,431,886	35,154,662
9	Sweden	978,000	1,261,000	1,022,000	Belgium	28,635,365	27,808,027	32,928,769
10	Czech Republic	687,000	661,000	863,000	Austria	29,356,500	28,315,071	32,167,311

Source: Eurostat

in descending order according to volumes of 2017

Import Japan P.C. Code 61705 All hand tools

Source: Ministry of Finance, Japan

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	2015 (JPY1,000)	2016 (JPY1,000)	2017 (JPY1,000)
	World	64,865,823	63,359,379	66,538,422	149,823,669	138,213,797	150,153,069
1	China	37,018,846	33,447,671	34,937,562	50,641,237	44,111,249	48,133,846
2	S. Korea	9,857,999	12,535,062	12,262,488	18,446,156	19,279,518	20,324,623
3	Taiwan	9,076,727	8,540,705	9,324,525	15,137,561	13,312,677	14,583,450
4	Thailand	2,057,614	1,801,783	2,128,680	14,008,237	11,885,940	12,639,578
5	Vietnam	904,341	1,084,330	1,492,840	3,370,662	3,974,749	4,743,066
6	U.S.A.	1,366,938	1,359,052	1,424,674	11,936,450	11,233,723	11,417,722
7	Germany	1,261,849	1,204,811	1,340,325	10,771,182	9,738,081	10,841,039
8	India	544,752	616,945	515,811	1,415,094	1,280,462	1,276,490
9	Indonesia	331,620	386,152	489,506	1,151,576	1,074,871	1,805,576
10	Philippines	297,630	309,796	370,308	1,008,811	1,000,704	1,145,858

Export Japan P.C. Code 61511 All hand tools

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	2015 (JPY1,000)	2016 (JPY1,000)	2017 (JPY1,000)
	World	106,033,727	87,961,391	94,882,654	423,753,153	372,054,738	411,078,125
1	USA	19,426,451	20,792,635	24,765,434	76,447,383	74,679,693	84,999,447
2	China	18,269,786	17,986,722	18,773,093	80,738,730	77,727,630	91,109,474
3	Indonesia	7,670,659	4,346,435	6,170,452	19,049,479	12,801,684	16,186,319
4	Thailand	6,478,344	4,704,331	5,855,363	34,298,284	27,456,487	31,014,606
5	Brazil	1,371,880	2,312,249	5,700,744	3,963,398	3,866,489	8,699,288
6	Mexico	4,451,128	6,653,427	5,042,739	11,877,309	14,396,457	12,309,235
7	S. Korea	4,964,123	4,694,743	5,027,109	25,433,522	24,848,422	26,261,441
8	India	5,694,220	2,476,037	3,107,776	16,160,028	9,876,584	10,670,864
9	Taiwan	2,264,189	1,958,325	2,068,619	19,128,935	17,797,604	19,852,243
10	Malaysia	965,018	1,814,036	1,848,778	5,528,959	6,272,897	6,362,061



in descending order according to figures of 2017

Import

HS 820411 Non-adjustable hand-operated spanners, wrenches, and parts

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (USD)	2016 (USD)	2017 (USD)
	World	3,005,229	3,589,573	3,250,882	World	13,622,839	15,749,394	14,017,179
1	China	2,481,440	2,950,456	2,797,940	China	9,256,806	10,769,533	10,036,554
2	Vietnam	76,538	254,254	168,869	Japan	1,946,730	1,873,129	1,804,540
3	India	263,827	197,834	148,706	India	1,133,111	841,394	630,168
4	Japan	126,977	111,230	104,273	Vietnam	280,326	757,248	604,244
5	U.S.A.	3,122	6,191	9,297	U.S.A.	121,865	206,392	298,304
6	Italy	3,294	5,303	4,949	Germany	289,943	166,774	164,873
7	Germany	10,886	4,716	4,060	U.K.	19,999	43,963	129,767
8	Turkey	15,812	45,864	1,900	Netherlands	38,336	41,826	65,002
9	U.K.	89	129	722	Italy	35,918	54,712	48,658
10	Netherlands	274	298	649	Switzerland	4,369	16,424	39,410

HS 820412 Adjustable hand-operated spanners, wrenches, and parts

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (USD)	2016 (USD)	2017 (USD)
	World	1,414,867	1,351,084	1,540,748	World	8,755,788	8,353,490	9,110,867
1	Vietnam	707,767	533,886	678,006	China	3,787,841	4,172,281	3,587,383
2	China	606,350	741,259	672,440	Vietnam	3,377,329	2,652,567	3,331,233
3	India	2,200	163	103,164	Japan	554,186	548,000	538,298
4	Turkey	31,789	36,433	40,732	India	4,938	1,611	404,032
5	Japan	31,853	19,151	23,445	U.S.A.	216,241	341,609	381,929
6	Spain	2,925	177	5,397	Turkey	262,451	301,364	339,539
7	U.S.A.	3,495	4,739	5,043	Spain	79,901	11,372	103,542
8	U. K.	161	278	1,659	U. K.	22,069	22,095	102,529
9	Germany	1,660	1,863	1,620	Germany	75,552	81,081	82,610
10	South Korea	14,676	7,847	1,320	South Korea	156,621	94,911	21,896

HS 820420 Socket wrenches with/without handles, drives, extensions, and parts

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (USD)	2016 (USD)	2017 (USD)
	World	433,975	517,379	482,982	World	2,153,242	2,336,230	2,136,801
1	China	408,323	475,650	457,291	China	968,891	1,103,721	1,115,549
2	Japan	8,504	6,193	5,970	Japan	582,274	518,635	498,112
3	Germany	2,235	3,907	1,993	U.S.A.	257,468	152,942	149,008
4	U.S.A.	2,123	1,473	1,794	Netherlands	31,125	72,846	88,388
5	Netherlands	123	297	556	Germany	103,773	93,506	77,416
6	U. K.	321	342	213	U. K.	29,369	47,100	33,826
7	France	3	1	57	Singapore	17,434	25,067	30,273
8	Czech Republic	4	2	47	Israel	2,870	5,141	4,253
9	Israel	8	26	35	Sweden	1,230	3,067	2,878
10	Sweden	73	48	35	Italy	404	12,571	2,644

HS 820540 Screwdrivers and parts

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (USD)	2016 (USD)	2017 (USD)
	World	432,457	485,505	479,611	World	2,846,100	3,164,023	3,153,602
1	China	399,032	459,997	442,611	China	1,889,498	2,251,101	1,816,306
2	Japan	18,813	13,253	21,789	Japan	430,949	484,168	659,603
3	Germany	4,121	3,137	3,629	Germany	193,314	135,171	192,897
4	Hong Kong	239	956	2,108	Czech Republic	60,969	62,160	98,929
5	Czech Republic	1,488	1,665	1,757	Switzerland	43,023	17,260	96,158
6	Switzerland	140	123	874	U.S.A.	85,475	98,494	76,408
7	Belgium	306	0	833	U. K.	19,021	37,368	64,683
8	U.S.A.	737	770	825	Hong Kong	25,579	14,430	24,532
9	Spain	47	3	562	Belgium	3,989	31	17,383
10	France	18	421	284	Netherlands	2,024	876	9,844

HS 820790 Screwdriver bits, tapping tools, and other interchangeable tools

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (USD)	2016 (USD)	2017 (USD)
	World	1,329,940	1,493,578	1,790,532	World	18,718,860	22,952,912	24,659,952
1	China	771,724	734,204	827,354	Japan	3,754,677	6,409,766	6,315,119
2	Vietnam	459,767	471,064	529,575	China	4,419,741	4,175,562	4,416,243
3	Germany	10,813	201,209	273,635	Vietnam	2,644,455	3,138,067	3,502,000
4	Japan	34,115	34,833	79,268	Germany	1,056,906	2,920,792	3,489,571
5	U.S.A.	31,252	32,542	35,039	U.S.A.	2,874,891	3,031,135	2,709,861
6	South Korea	1,186	735	8,580	Switzerland	1,430,306	732,002	929,682
7	France	1,254	1,909	5,571	U. K.	683,482	676,437	687,388
8	Malaysia	1,660	796	5,116	Malaysia	177,206	441,582	402,240
9	Switzerland	3,207	1,917	2,402	South Korea	404,942	116,416	383,824
10	U. K.	603	1,405	1,478	France	93,610	81,808	353,218

HS 820411 Non-adjustable hand-operated spanners, wrenches, and parts
Export

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (USD)	2016 (USD)	2017 (USD)
	World	12,841,393	13,279,086	13,902,773	World	148,693,457	148,834,482	163,868,351
1	U.S.A.	3,553,231	3,788,832	3,665,601	U.S.A.	39,338,914	40,736,315	41,186,456
2	Germany	693,640	779,593	879,064	Germany	11,407,022	12,393,496	14,064,674
3	Japan	803,414	805,336	792,876	France	12,191,194	12,178,855	13,746,807
4	France	756,848	728,320	735,883	Japan	10,938,152	11,150,229	11,211,387
5	U. K.	592,088	519,325	562,449	Netherlands	6,542,520	6,559,887	8,546,862
6	China	611,471	551,054	539,696	U. K.	7,148,044	6,771,031	7,486,360
7	Netherlands	375,842	390,260	497,993	China	5,121,325	5,178,422	5,508,729
8	Sweden	439,557	373,296	418,721	Sweden	5,788,868	4,627,145	5,474,349
9	Russia	234,975	195,689	320,038	Italy	5,220,097	4,720,614	4,813,801
10	Canada	259,482	270,660	318,123	Australia	4,389,856	3,380,008	3,754,917

HS 820412 Adjustable hand-operated spanners, wrenches, and parts

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (USD)	2016 (USD)	2017 (USD)
	World	10,120,881	7,731,783	8,691,871	World	91,061,126	72,623,680	83,289,814
1	U. S.A.	2,101,374	2,017,612	2,332,311	U. S.A.	18,243,554	16,889,242	18,632,920
2	China	523,289	509,337	677,473	France	4,045,120	6,371,284	7,637,225
3	Vietnam	613,270	570,972	651,717	China	4,740,730	4,830,916	6,435,499
4	Japan	431,890	411,155	509,298	Japan	4,446,004	4,867,242	5,969,578
5	France	284,519	398,327	507,818	Germany	5,625,952	4,381,460	5,347,828
6	Germany	401,610	312,898	441,908	Australia	8,683,279	3,234,503	3,770,185
7	Belgium	601,237	395,666	398,098	Belgium	5,039,062	3,187,703	3,733,515
8	Australia	1,010,482	368,626	358,529	Russia	1,274,279	1,743,272	2,836,659
9	Sweden	287,551	278,532	236,750	Italy	1,237,271	2,469,831	2,426,817
10	Russia	124,303	162,556	228,431	Sweden	2,539,342	2,538,754	2,089,482

HS 820420 Socket wrenches with/without handles, drives, extensions, and parts

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (USD)	2016 (USD)	2017 (USD)
	World	52,173,526	52,320,719	57,171,485	World	322,553,696	308,066,187	341,957,177
1	U.S.A.	17,904,914	19,737,513	19,147,179	U.S.A.	109,174,963	115,652,779	117,624,804
2	China	9,019,075	8,876,032	11,158,437	China	35,845,288	31,734,250	38,614,612
3	Germany	2,769,214	2,234,235	2,575,287	Germany	19,871,746	16,382,645	18,605,147
4	France	2,008,683	1,692,530	1,983,047	France	18,777,476	13,333,050	15,729,611
5	Netherlands	1,557,552	2,161,273	1,908,290	Netherlands	10,357,782	14,229,673	13,622,434
6	Russia	1,023,140	829,984	1,381,005	Australia	7,391,036	9,566,254	10,193,878
7	Australia	1,557,552	1,269,976	1,293,503	Russia	6,870,655	5,756,551	10,027,221
8	Latvia	1,557,552	524,433	1,083,130	Sweden	6,870,655	7,902,105	8,894,778
9	Sweden	1,026,413	931,275	1,074,624	Japan	6,870,655	7,735,190	7,866,748
10	U. K.	1,093,415	1,115,622	1,020,483	U. K.	7,708,840	7,787,542	7,670,729

HS 820540 Screwdrivers and parts


Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)	Country	2015 (USD)	2016 (USD)	2017 (USD)
	World	5,427,450	5,445,571	6,034,325	World	54,891,283	57,599,148	65,177,688
1	U.S.A.	2,000,977	2,027,723	2,096,888	U.S.A.	19,984,754	21,136,373	23,260,921
2	Australia	377,862	323,200	333,494	Russia	1,765,080	2,088,482	3,587,663
3	Russia	157,322	179,655	270,041	China	2,193,661	3,137,921	2,978,046
4	U. K.	265,112	229,206	244,369	U. K.	2,750,604	2,467,413	2,790,890
5	China	195,291	247,610	239,279	Japan	2,238,635	2,167,585	2,649,490
6	Italy	161,722	195,058	224,882	Italy	2,017,928	2,274,517	2,613,040
7	Japan	186,315	170,811	202,431	Australia	2,864,215	2,319,051	2,287,646
8	France	131,943	131,747	166,067	France	1,432,312	1,583,272	1,879,600
9	Sweden	184,728	177,733	154,367	Germany	1,363,829	1,396,209	1,741,041
10	Indonesia	72,483	90,882	139,090	Sweden	1,887,020	1,920,166	1,688,773

HS 820790 Screwdriver bits, tapping tools, and other interchangeable tools

Rank	Country	2015 (kg)	2016 (kg)	2017 (kg)
	World	5,911,649	5,922,872	7,407,994
1	U.S.A.	1,501,217	1,512,318	1,896,112
2	China	912,596	1,194,255	1,091,783
3	Germany	565,565	540,848	786,412
4	Netherlands	541,415	420,808	424,731
5	Canada	289,071	250,087	421,170
6	Sweden	181,144	159,757	328,493
7	Slovenia	134,188	85,440	269,028
8	Spain	106,893	70,711	234,544
9	Russia	71,329	129,156	205,540
10	Vietnam	122,303	140,684	180,711

Rank	Country	2015 (USD)	2016 (USD)	2017 (USD)
	World	76,939,813	73,586,973	92,972,398
1	U.S.A.	20,520,909	19,904,802	23,378,587
2	Germany	8,599,601	8,284,594	10,558,968
3	China	9,358,483	10,024,751	9,700,206
4	Canada	3,287,249	2,781,264	5,013,873
5	Sweden	1,990,617	1,727,808	4,022,761
6	Vietnam	2,457,325	3,414,830	3,681,480
7	Netherlands	4,928,066	3,275,902	3,622,439
8	Japan	2,104,555	2,970,413	2,986,846
9	Thailand	2,287,109	2,264,970	2,584,541
10	U. K.	1,279,982	1,858,398	2,510,102

MATERIAL: Steel, Stainless Steel
SIZE RANGE: #2-516 (M2-M8)



MATERIAL: Steel, Stainless Steel
SIZE RANGE: 3.5x9.5mm-6.3x300mm

CORROSION RESISTANT:
1. SALT (ASTM B-117) 500hours - 2,000hours
2. ACID (DIN 50018) 15 - 20 Cycles

ITEMS: EPDM WASHER, DOME WASHER, BONDED WASHER

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Source: Bureau of Foreign Trade (Taiwan)