

December 2024 Machinery Tool Production Trends Report (Membership Statistics)

1.Tools

Units: Thousands of Units, Millions of Yen

Category	Production			Sales			End-of-month inventory		Share of Production Value	Export			
	Quantity	Amount	Year-on-Year Comparison	Quantity	Amount	Year-on-Year Comparison	Quantity	Amount		Quantity	Amount	Year-on-Year Comparison	
HSS	Drill	1,466	1,095	76.0%	1,764	1,283	94.6%	7,917	90.1%	2.8%	539	282	77.7%
	End Mill	92	461	135.1%	84	407	118.5%	361	100.3%	1.2%	21	50	130.9%
	Milling Cutter	6	140	163.6%	5	48	94.4%	5	89.9%	0.4%	0	2	117.2%
	Gear Cutter	9	542	72.6%	7	520	72.7%	2	115.3%	1.4%	1	115	67.1%
	Broach	3	774	103.5%	2	817	118.0%	0	121.2%	2.0%	1	308	127.6%
	Tap & Die	2,229	2,885	102.3%	2,605	3,160	93.6%	4,267	97.2%	7.5%	1,462	1,452	91.3%
	Single Point Tool	2	10	56.7%	3	17	69.8%	37	100.5%	0.0%	0.0	0.0	-
	Reamer	28	115	105.9%	26	101	88.5%	108	110.3%	0.3%	3	9	150.4%
	Saw Blade	290	121	90.2%	292	86	110.4%	48	169.2%	0.3%	90	39	124.8%
	Wear Resistant Tool	3	119	78.4%	2	110	81.1%	1	75.8%	0.3%	0	12	114.5%
Total HSS Tools	4,128	6,262	95.0%	4,791	6,548	95.1%	12,746	93.0%	16.3%	2,118	2,268	92.5%	
Cemented Carbide	Drill	14,918	3,684	104.6%	14,933	3,790	102.8%	1,982	93.6%	9.6%	151	923	91.0%
	End Mill	918	3,505	111.1%	1,034	3,764	103.8%	4,043	91.7%	9.1%	374	1,395	98.2%
	Milling Cutter	381	524	106.4%	385	531	112.1%	694	83.3%	1.4%	0	5	118.9%
	Tap & Die	29	337	99.3%	32	345	97.7%	94	94.6%	0.9%	16	154	109.3%
	Single Point Tool	122	799	88.8%	120	817	93.5%	454	87.8%	2.1%	34	307	91.9%
	Reamer	102	239	121.2%	98	264	110.5%	161	102.8%	0.6%	3	25	167.0%
	Saw Blade Cutter	5	43	98.8%	5	42	99.2%	0	88.4%	0.1%	0	1	84.4%
	Insert	41,380	14,185	103.9%	42,164	14,177	100.6%	85,548	93.9%	36.8%	17,829	7,095	98.0%
	Wear Resistant Tool	547	2,933	100.7%	505	2,906	100.2%	693	170.3%	7.6%	23	424	123.1%
	Construction Tool	10,063	824	112.7%	10,055	727	86.3%	58	61.9%	2.1%	29	431	76.5%
Total Cemented Carbide Tools	68,466	27,074	104.3%	69,330	27,361	100.9%	93,726	94.0%	70.3%	18,459	10,760	97.1%	
Diamond & CBN	Drill	4	101	136.9%	7	148	178.1%	18	74.7%	0.3%	0	2	150.6%
	End Mill	8	123	83.1%	10	152	91.4%	36	97.3%	0.3%	2	35	65.3%
	Cutter	1	41	92.6%	1	51	95.7%	1	115.8%	0.1%	0	15	181.3%
	Insert	467	1,974	99.2%	537	2,105	93.5%	1,693	96.1%	5.1%	255	960	90.0%
Total Diamond & CBN Tools	481	2,238	99.3%	554	2,457	96.2%	1,748	95.8%	5.8%	258	1,011	89.6%	
Total	Drill	16,388	4,880	96.9%	16,703	5,221	101.9%	9,917	90.8%	12.7%	689	1,208	87.6%
	End Mill	1,019	4,089	112.2%	1,128	4,323	104.5%	4,441	92.4%	10.6%	398	1,479	97.9%
	Milling Cutter	389	704	113.3%	390	629	109.0%	700	83.3%	1.8%	1	22	154.3%
	Gear Cutter	9	542	72.6%	7	520	72.7%	2	115.3%	1.4%	1	115	67.1%
	Broach	3	774	103.5%	2	817	118.0%	0	121.2%	2.0%	1	308	127.6%
	Threading Tool	2,258	3,222	102.0%	2,637	3,504	94.0%	4,361	97.1%	8.4%	1,478	1,606	92.8%
	Single Point Tool	124	809	88.2%	122	833	92.8%	491	88.7%	2.1%	34	307	91.9%
	Reamer	130	354	115.8%	124	365	103.4%	268	105.7%	0.9%	6	34	162.3%
	Saw Blade	295	163	92.3%	297	128	106.4%	48	168.1%	0.4%	90	40	123.6%
	Insert	41,848	16,160	103.3%	42,701	16,283	99.6%	87,242	94.0%	42.0%	18,084	8,055	97.0%
	Other Tools	8,268	1,312	112.5%	8,420	1,193	109.6%	3,991	93.7%	3.4%	4,491	240	98.0%
	Tool Body Components	83	1,628	103.5%	92	1,715	108.4%	339	92.8%	4.2%	55	838	109.8%
	Total Cutting Tools	70,813	34,638	102.7%	72,624	35,532	100.5%	111,799	93.6%	89.9%	25,328	14,250	96.6%
	Wear Resistant Tool	549	3,052	99.6%	507	3,016	99.3%	694	170.0%	7.9%	24	436	122.9%
	Construction Tool	10,063	824	112.7%	10,055	727	86.3%	58	61.9%	2.1%	29	431	76.5%
Total	81,426	38,514	102.6%	83,187	39,275	100.1%	112,550	93.9%	100.0%	25,380	15,117	96.5%	

*HSS includes other special steels.

2.Cemented Carbide Production

Category	Quantity (Thousands of Units)	Weight (tonnes)	Amount (Millions of Yen)
For Cutting Tool	48,638	345	12,196
For Wear and Corrosion Resistance Tool	1,151	72	1,469
For Construction Tool	10,091	8	105
Other	12	1	67
Total Cemented Carbide	59,893	426	13,838

update 2025/01/28