

## Production and Sales of Machine tool Accessory on July - September,2022

(Value in Thousands of Yen)

Items		Production		Comparison (%) to the year earlier	Sales		Comparison (%) to the year earlier
		Quantity	Value		Quantity	Value	
Elements	Clutches & Brakes	1,401,984	5,241,831	104	1,278,679	5,458,316	105
	Ball Screws	532,735	10,827,351	112	548,587	11,568,333	111
	Liner motion guides	2,498,437	19,377,939	112	2,635,868	20,251,038	111
	Spindles	252	90,682	117	299	108,503	117
	Coupling	571,564	1,730,891	98	575,928	1,751,024	96
	Other Elements	2,229	19,383	99	2,432	21,133	113
	Subtotal	5,007,201	37,288,077	110	5,041,793	39,158,347	109
Work Holding	Hand Operated Chucks	2,610	389,823	121	2,493	359,782	114
Devices	Power Operated Chucks	28,613	2,925,968	89	28,309	2,009,276	101
	Special Design Chucks	213	172,652	188	266	208,860	151
	Actuators for Power Operated Chucks	4,879	1,044,979	98	4,942	633,743	106
	Live Centers	4,259	163,613	146	3,920	173,674	130
	Other Work Holding Devices	8,711	565,995	110	7,440	500,973	100
	Subtotal	49,285	5,263,030	98	47,370	3,886,308	106
Tool Holders	General purpose Tool Holders	37,841	213,029	92	46,659	236,637	104
	Tool Holders for NC machine tools	344,392	2,903,105	103	342,308	2,865,677	106
	Tool Holders for lathers	3,499	80,566	105	3,436	73,085	94
	Tool Holders for special purpose	2,238	24,941	82	3,114	32,401	83
	Other Tool Holders	22,503	277,633	96	22,010	275,165	98
	Subtotal	410,473	3,499,274	101	417,527	3,482,965	105
Attachments and Accessories	Attachments for indexing	3,794	3,987,417	90	4,056	3,621,905	107
	Machine Vice	2,267	434,781	195	1,958	394,207	122
	Other Attached equipment	55,377	849,809	122	53,970	816,464	116
	Other Accessories	158,674	3,405,937	115	170,629	3,931,069	111
	Subtotal	220,112	8,677,944	105	230,613	8,763,645	110
T o t a l		5,687,071	54,728,325	107	5,737,303	55,291,265	109

Although considered as the factory-shipments price about the amount of production, and the amount of shipment, it will change into the amount of production, and the amount of sales from January, 2004, and both producer-selling prices or contract prices will estimate, and it will enter.