

## Production and Sales of Machine tool Accessory on January - March,2023

(Value in Thousands of Yen)

Items		Production		Comparison (%) to the year earlier	Sales		Comparison (%) to the year earlier
		Quantity	Value		Quantity	Value	
Elements	Clutchs & Brakes	1,643,377	5,474,948	106	1,452,709	5,457,936	102
	Ball Screws	376,233	8,571,355	82	376,194	8,988,530	79
	Liner motion guides	1,932,260	16,050,822	87	2,206,903	17,362,515	89
	Spindles	142	123,962	114	171	149,105	114
	Coupling	495,535	1,527,705	89	505,493	1,565,897	88
	Other Elements	2,581	24,435	98	2,501	23,322	94
	Subtotal	4,450,128	31,773,227	88	4,543,971	33,547,305	88
Work Holding	Hand Operated Chucks	2,333	354,340	108	2,516	392,162	115
Devices	Power Operated Chucks	26,923	2,768,635	94	29,066	2,017,321	101
	Special Design Chucks	279	106,293	60	271	178,466	85
	Actuators for Power Operated Chucks	4,709	892,516	79	5,349	646,451	105
	Live Centers	3,138	118,902	97	3,646	172,619	104
	Other Work Holding Devices	6,817	508,295	90	7,515	527,150	98
	Subtotal	44,199	4,748,981	90	48,363	3,934,169	102
Tool Holders	General purpose Tool Holders	45,654	239,129	96	45,783	231,484	83
	Tool Holders for NC machine tools	319,865	2,803,485	105	332,829	2,791,479	94
	Tool Holders for lathers	3,356	68,965	76	2,768	60,533	70
	Tool Holders for special purpose	2,695	27,260	86	3,214	32,049	83
	Other Tool Holders	22,980	309,308	97	21,815	305,219	91
	Subtotal	394,550	3,448,147	103	406,409	3,420,764	92
Attachments and Accessories	Attachments for indexing	4,032	4,292,634	119	3,903	3,892,557	101
	Machine Vice	2,071	394,299	105	1,982	397,656	87
	Other Attached equipment	113,622	771,535	92	112,985	775,967	94
	Other Accessories	195,477	3,938,788	130	175,170	4,737,356	129
	Subtotal	315,202	9,397,256	120	294,040	9,803,536	111
T o t a l		5,204,079	49,367,611	94	5,292,783	50,705,774	93

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.