

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

(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	5,807,238	20,983,112	100	4,988,449	19,559,121	91
	Ball Screws	1,428,853	29,629,949	69	1,454,280	31,720,591	69
	Liner motion guides	6,139,894	51,188,962	68	6,794,407	54,944,746	68
	Spindles	948	546,747	139	1,132	655,833	139
	Coupling	1,860,928	6,269,590	91	1,896,558	6,433,130	91
	Other Elements	8,881	79,449	90	8,985	80,231	89
	Subtotal	15,246,742	108,697,809	74	15,143,811	113,393,652	73
Work Holding	Hand Operated Chucks	9,100	1,376,157	97	9,326	1,455,258	105
Devices	Power Operated Chucks	106,215	10,568,430	89	107,679	7,280,027	91
	Special Design Chucks	941	504,161	92	914	558,335	72
	Actuators for Power Operated Chucks	18,000	3,236,243	72	19,467	2,407,809	96
	Live Centers	12,780	458,122	84	14,131	674,098	96
	Other Work Holding Devices	28,542	2,249,572	97	29,052	2,163,490	99
	Subtotal	175,578	18,392,685	87	180,569	14,539,017	93
Tool Holders	General purpose Tool Holders	163,634	941,588	103	185,136	969,447	98
	Tool Holders for NC machine tools	1,274,022	11,204,307	96	1,310,097	11,317,689	95
	Tool Holders for lathers	14,098	326,444	90	12,327	276,342	87
	Tool Holders for special purpose	11,939	133,364	114	13,841	147,351	104
	Other Tool Holders	99,473	1,203,130	104	91,675	1,153,926	99
	Subtotal	1,563,166	13,808,833	97	1,613,076	13,864,755	95
Attachments and Accessories	Attachments for indexing	12,929	14,238,990	91	13,104	13,263,213	89
	Machine Vice	7,131	1,410,044	82	6,884	1,359,825	82
	Other Attached equipment	280,667	3,189,825	94	281,453	3,179,504	94
	Other Accessories	871,693	14,548,658	114	859,732	17,235,611	114
	Subtotal	1,172,420	33,387,517	100	1,161,173	35,038,153	100
T o t a l		18,157,906	174,286,844	81	18,098,629	176,835,577	80

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.