

Production and Sales of Machine tool Accessory on January,2019

(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	3,546,888	1,506,796	75	3,619,399	1,713,225	91
	Ball Screws	127,078	3,306,471	115	130,735	3,531,734	114
	Liner motion guides	799,349	5,601,244	113	740,827	5,676,210	112
	Spindles	214	100,804	110	227	107,869	108
	Coupling	217,244	518,964	84	207,123	469,615	84
	Other Elements	1,520	12,865	141	1,431	12,077	133
	Subtotal	4,692,293	11,047,144	105	4,699,742	11,510,730	107
Work Holding	Hand Operated Chucks	781	92,490	74	1,053	114,673	99
Devices	Power Operated Chucks	9,928	1,094,837	142	10,027	742,584	95
	Special Design Chucks	101	28,047	83	128	60,436	83
	Actuators for Power Operated Chucks	2,493	313,983	96	2,528	251,071	109
	Live Centers	1,211	33,573	82	1,225	46,904	100
	Other Work Holding Devices	3,546	215,629	112	3,795	268,798	143
	Subtotal	18,060	1,778,559	120	18,756	1,484,466	103
Tool Holders	General purpose Tool Holders	13,787	88,438	75	22,576	114,294	94
	Tool Holders for NC machine tools	104,732	852,173	78	111,833	907,232	82
	Tool Holders for lathers	1,033	27,509	100	1,360	29,883	123
	Tool Holders for special purpose	1,167	13,031	76	1,590	16,412	78
	Other Tool Holders	6,404	104,295	97	7,520	112,569	98
	Subtotal	127,123	1,085,446	79	144,879	1,180,390	85
Attachments and Accessories	Attachments for indexing	1,369	1,563,417	94	1,394	1,567,757	95
	Machine Vice	1,319	165,858	122	1,115	178,674	104
	Other Attached equipment	17,922	265,526	110	17,746	268,675	100
	Other Accessories	46,498	1,030,655	90	68,419	1,238,038	106
	Subtotal	67,108	3,025,456	95	88,674	3,253,144	100
T o t a l		4,904,584	16,936,605	102	4,952,051	17,428,730	104

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.