

Production and Sales of Machine tool Accessory on December,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	3,860,379	1,689,210	95	3,761,955	1,606,621	85
	Ball Screws	67,828	1,839,039	54	71,506	2,003,503	55
	Liner motion guides	539,110	3,259,730	56	467,255	3,320,458	57
	Spindles	157	87,815	80	165	95,060	80
	Coupling	206,669	612,391	89	191,478	511,264	87
	Other Elements	787	7,781	66	850	8,274	65
	Subtotal	4,674,930	7,495,966	64	4,493,209	7,545,180	63
Work Holding	Hand Operated Chucks	963	124,135	79	900	118,979	76
Devices	Power Operated Chucks	8,296	806,638	84	7,048	638,099	80
	Special Design Chucks	62	19,956	142	81	50,957	81
	Actuators for Power Operated Chucks	1,804	236,672	64	1,378	161,249	68
	Live Centers	1,210	36,541	83	1,122	49,337	74
	Other Work Holding Devices	3,387	203,278	108	2,668	175,516	103
	Subtotal	15,722	1,427,220	82	13,197	1,194,137	80
Tool Holders	General purpose Tool Holders	22,234	124,009	96	19,971	110,012	94
	Tool Holders for NC machine tools	133,821	1,141,981	93	112,669	963,319	81
	Tool Holders for lathers	1,171	25,678	78	1,097	24,975	88
	Tool Holders for special purpose	917	10,554	55	1,083	11,046	45
	Other Tool Holders	9,675	105,004	90	9,978	107,549	83
	Subtotal	167,818	1,407,226	92	144,798	1,216,901	82
Attachments and Accessories	Attachments for indexing	1,126	1,282,739	71	1,113	1,169,423	75
	Machine Vice	774	119,187	74	526	89,103	60
	Other Attached equipment	13,814	218,290	78	13,530	218,482	78
	Other Accessories	53,581	830,985	76	40,978	984,462	79
	Subtotal	69,295	2,451,201	74	56,147	2,461,470	76
T o t a l		4,927,765	12,781,613	70	4,707,351	12,417,688	68

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.