

Production and Sales of Machine tool Accessory on November,2018

(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	3,778,910	1,894,147	100	3,799,678	1,976,094	100
	Ball Screws	141,614	3,728,420	117	146,995	4,020,068	116
	Liner motion guides	883,794	6,443,026	117	830,917	6,518,086	118
	Spindles	257	113,844	115	275	123,665	114
	Coupling	252,459	775,551	120	224,426	626,249	105
	Other	1,298	11,866	129	1,394	12,818	128
	Subtotal	5,058,332	12,966,854	114	5,003,685	13,276,980	113
Work Holding	Hand Operated	1,142	133,874	94	1,202	145,102	102
Devices	Power Operated	10,080	913,567	123	10,575	871,038	116
	Special Design Chucks	150	48,838	136	129	92,897	161
	Actuators for Power Operated	2,519	333,387	123	2,729	282,773	105
	Live Centers	1,463	44,393	92	1,523	66,781	124
	Other Work Holding	4,278	266,087	120	3,898	254,489	113
	Subtotal	19,632	1,740,146	119	20,056	1,713,080	114
Tool Holders	General purpose Tool Holders	23,548	131,214	105	22,350	116,171	97
	Tool Holders for NC machine tools	142,278	1,196,391	105	138,442	1,162,100	95
	Tool Holders for lathers	1,253	26,296	110	1,325	26,457	132
	Tool Holders for special	1,953	20,108	109	2,062	20,698	97
	Other Tool Holders	11,486	142,826	107	10,808	141,395	109
	Subtotal	180,518	1,516,835	105	174,987	1,466,821	97
Attachments and Accessories	Attachments for indexing	1,735	1,906,552	99	1,491	1,668,308	90
	Machine Vice	1,248	146,992	122	1,266	193,998	112
	Other Attached	19,320	335,718	113	20,139	344,288	125
	Other Accessories	80,400	1,163,068	106	55,768	1,412,521	103
	Subtotal	102,703	3,552,330	103	78,664	3,619,115	99
T o t a l		5,361,185	19,776,165	112	5,277,392	20,075,996	109

Although considered as the factory-shippments 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-sellingsprices or contract prices will estimate, and it will enter.