

Production and Sales of Machine tool Accessory on March,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	3,498,877	1,944,804	84	3,526,169	2,036,263	85
	Ball Screws	105,534	3,174,234	90	107,499	3,407,955	89
	Liner motion guides	728,813	5,582,067	95	795,652	6,134,481	100
	Spindles	221	126,799	103	236	135,400	103
	Coupling	193,100	608,169	84	177,903	521,646	81
	Other Elements	1,478	11,366	120	1,544	12,265	135
	Subtotal	4,528,023	11,447,439	91	4,609,003	12,248,010	93
Work Holding	Hand Operated Chucks	1,299	159,028	155	1,403	140,638	115
Devices	Power Operated Chucks	10,572	1,341,381	165	11,155	1,004,524	119
	Special Design Chucks	146	40,334	53	172	80,731	109
	Actuators for Power Operated Chucks	2,557	276,771	78	2,436	271,757	98
	Live Centers	1,620	38,392	75	1,430	59,256	95
	Other Work Holding Devices	4,163	218,814	98	3,102	213,760	108
	Subtotal	20,357	2,074,720	128	19,698	1,770,666	112
Tool Holders	General purpose Tool Holders	22,323	111,863	96	21,391	115,665	89
	Tool Holders for NC machine tools	122,761	1,112,869	95	132,496	1,154,491	92
	Tool Holders for lathers	925	21,975	66	1,024	22,348	72
	Tool Holders for special purpose	1,476	15,414	94	1,489	15,160	83
	Other Tool Holders	8,607	158,031	121	9,346	162,117	126
	Subtotal	156,092	1,420,152	97	165,746	1,469,781	94
Attachments and Accessories	Attachments for indexing	1,641	1,798,025	90	1,719	1,870,845	102
	Machine Vice	1,442	181,104	98	1,008	177,538	87
	Other Attached equipment	22,447	268,383	94	23,770	292,823	104
	Other Accessories	60,769	1,103,827	90	50,409	1,273,349	85
	Subtotal	86,299	3,351,339	91	76,906	3,614,555	95
T o t a l		4,790,771	18,293,650	94	4,871,353	19,103,012	95

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.