

Production and Sales of Machine tool Accessory on July – December,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	22,922,259	11,295,650	102	23,170,813	11,776,421	100
	Ball Screws	851,305	21,455,501	119	886,180	23,157,240	119
	Liner motion guides	5,077,086	36,905,367	120	4,677,265	37,141,640	116
	Spindles	1,412	650,388	104	1,526	707,462	104
	Coupling	1,476,515	4,279,177	112	1,353,239	3,631,839	103
	Other	7,617	63,334	128	7,884	65,387	126
	Subtotal	30,336,194	74,649,417	116	30,096,907	76,479,989	113
Work Holding	Hand Operated	6,432	817,738	111	6,823	870,526	112
Devices	Power Operated	59,425	5,184,611	115	59,795	4,807,512	109
	Special Design Chucks	689	200,714	86	929	522,845	146
	Actuators for Power Operated	15,754	1,998,963	118	15,076	1,569,946	107
	Live Centers	8,516	251,689	104	9,425	378,116	123
	Other Work Holding	20,061	1,414,288	109	21,865	1,370,591	110
	Subtotal	110,877	9,868,003	113	113,913	9,519,536	111
Tool Holders	General purpose Tool Holders	131,097	721,980	105	123,801	699,895	101
	Tool Holders for NC machine tools	815,053	7,206,357	104	818,207	7,013,214	101
	Tool Holders for lathers	6,790	154,272	103	7,737	155,779	107
	Tool Holders for special	12,479	149,818	149	11,735	118,207	107
	Other Tool Holders	62,194	822,269	106	61,582	823,235	108
	Subtotal	1,027,613	9,054,696	105	1,023,062	8,810,330	102
Attachments and Accessories	Attachments for indexing	9,958	10,846,682	101	9,647	10,082,106	99
	Machine Vice	7,991	918,170	116	7,048	1,095,668	110
	Other Attached	131,098	1,800,185	110	132,171	1,822,229	120
	Other Accessories	376,408	6,866,178	103	311,754	8,078,339	105
	Subtotal	525,455	20,431,215	103	460,620	21,078,342	103
T o t a l		32,000,139	114,003,331	112	31,694,502	115,888,197	110

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.