

## Production and Sales of Machine tool Accessory on April – June,2017

(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	11,206,863	5,150,823	125	11,270,475	5,368,303	126
	Ball Screws	375,135	8,383,849	125	393,032	9,120,317	126
	Liner motion guides	1,842,039	13,734,171	117	2,029,876	15,345,387	122
	Spindles	611	255,901	102	665	276,046	103
	Coupling	717,578	1,839,086	126	684,221	1,655,907	126
	Other	3,453	30,556	113	3,159	29,526	111
	Subtotal	14,145,679	29,394,386	121	14,381,428	31,795,486	124
Work Holding	Hand Operated	3,086	353,184	102	3,097	369,166	95
Devices	Power Operated	23,607	2,143,371	114	23,730	2,110,158	116
	Special Design Chucks	395	120,200	154	417	180,373	132
	Actuators for Power Operated	6,131	748,184	126	6,341	641,752	126
	Live Centers	3,642	115,460	101	3,840	149,797	116
	Other Work Holding	12,128	582,415	116	12,509	562,532	114
	Subtotal	48,989	4,062,814	116	49,934	4,013,778	116
Tool Holders	General purpose Tool Holders	59,690	332,288	98	59,584	316,474	109
	Tool Holders for NC machine tools	354,347	3,230,339	93	393,145	3,212,796	101
	Tool Holders for lathers	2,843	63,108	95	2,966	60,587	109
	Tool Holders for special	4,479	44,410	119	5,367	49,732	113
	Other Tool Holders	27,684	338,447	92	28,488	331,656	100
	Subtotal	449,043	4,008,592	93	489,550	3,971,245	102
Attachments and Accessories	Attachments for indexing	5,068	4,940,165	100	4,917	4,437,787	100
	Machine Vice	3,197	339,625	88	3,070	461,742	110
	Other Attached	78,433	743,225	107	78,390	748,995	111
	Other Accessories	155,411	2,987,639	110	142,252	3,555,424	112
	Subtotal	242,109	9,010,654	103	228,629	9,203,948	105
T o t a l		14,885,820	46,476,446	114	15,149,541	48,984,457	117

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.