

## Production and Sales of Machine tool Accessory on July,2017

(Value in Thousands of Yen)

Items		Production		Comparison (%) to the year earlier	Sales		Comparison (%) to the year earlier
		Quantity	Value		Quantity	Value	
Elements	Clutchs & Brakes	4,915,774	1,883,777	126	3,953,622	1,953,529	127
	Ball Screws	109,938	2,777,832	119	114,621	2,991,301	119
	Liner motion guides	554,280	4,574,793	109	691,284	5,054,493	113
	Spindles	234	103,829	116	252	111,951	115
	Coupling	245,447	650,263	119	241,215	618,643	129
	Other Elements	699	6,519	132	1,086	8,682	175
	Subtotal	5,826,372	9,997,013	115	5,002,080	10,738,599	118
Work Holding	Hand Operated Chucks	1,000	108,246	110	1,088	116,694	95
Devices	Power Operated Chucks	9,940	715,860	108	9,653	745,041	123
	Special Design Chucks	124	40,298	233	168	66,493	125
	Actuators for Power Operated Chucks	2,077	238,284	115	2,241	222,971	119
	Live Centers	958	36,610	97	1,202	51,661	121
	Other Work Holding Devices	5,285	234,563	103	3,503	193,885	109
	Subtotal	19,384	1,373,861	110	17,855	1,396,745	117
Tool Holders	General purpose Tool Holders	22,416	125,538	106	21,343	116,441	113
	Tool Holders for NC machine tools	135,352	1,098,543	110	138,251	1,121,842	119
	Tool Holders for lathers	910	24,195	139	1,145	24,598	128
	Tool Holders for special purpose	1,562	16,628	97	1,801	18,644	93
	Other Tool Holders	9,978	122,366	110	9,492	119,641	114
	Subtotal	170,218	1,387,270	110	172,032	1,401,166	118
Attachments and Accessories	Attachments for indexing	1,982	1,808,503	117	2,242	1,830,996	105
	Machine Vice	1,145	128,709	111	949	151,147	113
	Other Attached equipment	16,320	254,778	108	16,066	247,857	116
	Other Accessories	46,371	1,094,093	121	47,668	1,230,290	120
	Subtotal	65,818	3,286,083	118	66,925	3,460,290	111
T o t a l		6,081,792	16,044,227	115	5,258,892	16,996,800	116

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.