Production and Sales of Machine tool Accessory on April,2019

(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	3,401,589	1,644,841	80	3,355,683	1,639,945	80
	Ball Screws	96,277	2,872,650	87	100,468	3,092,627	87
	Liner motion guides	764,919	5,293,618	92	660,399	5,320,273	90
	Spindles	250	113,363	109	268	121,592	108
	Coupling	233,221	585,976	78	221,146	517,522	77
	Other Elements	1,542	13,190	158	1,446	12,798	159
	Subtotal	4,497,798	10,523,638	88	4,339,410	10,704,757	87
Work Holding Devices	Hand Operated Chucks	1,112	119,911	94	1,105	143,998	113
	Power Operated Chucks	10,423	1,267,434	150	10,276	851,597	111
	Special Design Chucks	198	42,021	126	176	70,021	72
	Actuators for Power Operated Chucks	2,712	366,486	112	2,577	283,312	104
	Live Centers	1,278	35,151	91	1,321	49,774	95
	Other Work Holding Devices	4,036	212,682	115	4,308	195,722	98
	Subtotal	19,759	2,043,685	131	19,763	1,594,424	105
Tool Holders	General purpose Tool Holders	17,879	108,826	90	22,651	107,723	96
	Tool Holders for NC machine tools	143,743	1,269,985	89	134,415	1,130,319	87
	Tool Holders for lathers	1,070	24,994	87	1,148	24,034	75
	Tool Holders for special purpose	1,322	14,152	75	2,003	19,039	93
	Other Tool Holders	10,242	116,110	76	9,867	113,828	79
	Subtotal	174,256	1,534,067	88	170,084	1,394,943	87
Attachments and Accessories	Attachments for indexing	1,461	1,657,233	87	1,651	1,478,186	87
	Machine Vice	1,423	167,086	112	906	150,110	93
	Other Attached equipment	14,417	254,629	74	14,293	241,305	73
	Other Accessories	66,256	1,004,785	85	51,346	1,185,469	86
	Subtotal	83,557	3,083,733	86	68,196	3,055,070	85
Total		4,775,370	17,185,123	91	4,597,453	16,749,194	88

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-sellingprices or contract prices will estimate, and it will enter.