

## Production and Sales of Machine tool Accessory on July,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	3,570,944	1,708,692	83	3,574,661	1,753,506	85
	Ball Screws	97,770	2,682,295	72	99,414	2,870,255	71
	Liner motion guides	717,764	4,843,711	78	600,920	4,697,927	75
	Spindles	235	113,169	97	254	123,446	97
	Coupling	192,584	561,355	78	183,379	516,878	87
	Other Elements	1,758	12,075	132	1,556	10,880	120
	Subtotal	4,581,055	9,921,297	77	4,460,184	9,972,892	76
Work Holding	Hand Operated Chucks	1,261	139,425	106	1,073	126,291	95
Devices	Power Operated Chucks	10,012	1,023,941	126	9,697	781,481	89
	Special Design Chucks	106	34,983	86	117	67,853	127
	Actuators for Power Operated Chucks	2,371	290,412	88	2,026	222,472	88
	Live Centers	1,491	49,690	124	1,406	63,483	108
	Other Work Holding Devices	5,302	226,653	93	4,370	230,510	86
	Subtotal	20,543	1,765,104	110	18,689	1,492,090	91
Tool Holders	General purpose Tool Holders	20,711	118,549	94	17,734	103,472	92
	Tool Holders for NC machine tools	124,845	1,098,329	87	122,768	1,035,827	86
	Tool Holders for lathers	843	21,862	89	936	21,979	76
	Tool Holders for special purpose	1,588	17,855	99	1,781	19,099	101
	Other Tool Holders	9,246	133,267	96	8,256	127,844	95
	Subtotal	157,233	1,389,862	88	151,475	1,308,221	88
Attachments and Accessories	Attachments for indexing	1,416	1,593,586	80	1,442	1,435,679	77
	Machine Vice	932	143,103	119	675	124,575	74
	Other Attached equipment	19,803	308,952	96	18,639	304,307	105
	Other Accessories	56,427	1,002,124	85	41,558	1,241,120	89
	Subtotal	78,578	3,047,765	84	62,314	3,105,681	83
T o t a l		4,837,409	16,124,028	82	4,692,662	15,878,884	80

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.