

Production and Sales of Machine tool Accessory on July - December,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	21,994,581	9,889,886	88	21,908,681	9,836,396	84
	Ball Screws	492,696	12,505,911	58	504,535	13,431,350	58
	Liner motion guides	3,694,079	23,125,851	63	3,147,935	23,086,122	62
	Spindles	1,372	612,146	94	1,463	664,962	94
	Coupling	1,163,450	3,302,018	77	1,091,841	2,901,358	80
	Other Elements	8,148	61,514	97	8,170	61,960	95
	Subtotal	27,354,326	49,497,326	66	26,662,625	49,982,148	65
Work Holding	Hand Operated Chucks	6,179	795,977	97	6,177	789,510	91
Devices	Power Operated Chucks	54,554	5,413,395	104	52,707	4,360,690	91
	Special Design Chucks	490	177,369	88	669	375,420	72
	Actuators for Power Operated Chucks	11,728	1,467,941	73	11,134	1,244,955	79
	Live Centers	9,562	290,408	115	7,895	332,988	88
	Other Work Holding Devices	22,612	1,231,023	87	21,690	1,144,796	84
	Subtotal	105,125	9,376,113	95	100,272	8,248,359	87
Tool Holders	General purpose Tool Holders	124,819	689,604	96	106,047	598,937	86
	Tool Holders for NC machine tools	715,432	6,329,064	88	696,782	5,939,713	85
	Tool Holders for lathers	6,195	134,575	87	6,253	139,414	89
	Tool Holders for special purpose	7,953	92,417	62	8,986	98,925	84
	Other Tool Holders	53,953	656,722	80	51,561	643,237	78
	Subtotal	908,352	7,902,382	87	869,629	7,420,226	84
Attachments and Accessories	Attachments for indexing	7,332	8,657,061	80	7,408	8,153,004	81
	Machine Vice	4,891	730,760	80	4,093	698,097	64
	Other Attached equipment	131,471	1,573,361	87	130,262	1,581,245	87
	Other Accessories	286,397	5,474,276	80	266,705	6,605,521	82
	Subtotal	430,091	16,435,458	80	408,468	17,037,867	81
T o t a l		28,797,894	83,211,279	73	28,040,994	82,688,600	71

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.