

## Production and Sales of Machine tool Accessory on October - March,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	19,976,639	9,487,502	88	19,603,476	9,290,777	81
	Ball Screws	483,096	11,289,409	55	498,154	12,167,050	55
	Liner motion guides	3,159,307	19,567,699	55	2,854,282	20,186,892	55
	Spindles	1,155	559,483	80	1,237	612,372	82
	Coupling	1,155,184	3,283,678	83	1,092,644	2,888,592	86
	Other Elements	5,048	40,642	58	5,242	43,396	59
	Subtotal	24,780,429	44,228,413	62	24,055,035	45,189,079	61
Work Holding	Hand Operated Chucks	5,820	794,484	94	5,882	800,867	93
Devices	Power Operated Chucks	50,849	4,991,097	77	49,187	3,855,656	77
	Special Design Chucks	491	200,593	98	512	342,224	70
	Actuators for Power Operated Chucks	9,732	1,290,426	65	8,819	1,014,373	65
	Live Centers	8,688	267,090	102	7,171	307,876	85
	Other Work Holding Devices	17,584	1,058,920	75	18,380	1,087,429	77
	Subtotal	93,164	8,602,610	77	89,951	7,408,425	76
Tool Holders	General purpose Tool Holders	108,431	623,703	90	102,083	571,958	80
	Tool Holders for NC machine tools	672,511	5,983,665	89	629,675	5,434,355	80
	Tool Holders for lathers	5,413	114,897	70	5,478	123,405	79
	Tool Holders for special purpose	6,284	70,490	46	7,657	80,867	69
	Other Tool Holders	49,352	553,240	73	48,286	548,154	69
	Subtotal	841,991	7,345,995	86	793,179	6,758,739	79
Attachments and Accessories	Attachments for indexing	6,159	7,268,590	68	6,461	7,065,711	70
	Machine Vice	4,950	754,906	76	3,560	620,708	57
	Other Attached equipment	200,900	1,453,774	83	199,868	1,455,085	81
	Other Accessories	276,325	4,966,530	75	239,839	6,066,570	78
	Subtotal	488,334	14,443,800	72	449,728	15,208,074	73
<b>T o t a l</b>		<b>26,203,918</b>	<b>74,620,818</b>	<b>67</b>	<b>25,387,893</b>	<b>74,564,317</b>	<b>66</b>

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.